Diagrams, Illustrations and Other Material for Inquiries into Human Faculty and its Development

Publication/Creation

1878-1883

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Original Drawings In Haman Tax



Correction for the colored prost F. gallon falls Fig hu go-100 to sellero Rolayed scaling side too dark; it should match what it is intented tepresent a much be drawn afrech lower down to take of greater bread the tight. Tearte this as well as you can, by aid of cla enclosed original the tol which had been mittaid, & molis the ascends Hope better marked addres in famil resourtains x trees a especially butting in the bash shade over 12 bh. the black wedge in the right bound of the estored educle has it lides too hard by the white peaks want a little more detail, - blue has to be inserted in the cols. - I think this their their their their their their their their be made botto, more minute hs. he I is made blue turngheart I cout understand it. it is purple in the original _ Can the man be blue blind the bl of black are wrong violet not voilet. ng of orange are warn, the levellow. take away e in cane o in some is too trown the three os make a transme

y is too blue

Vi wrong the broad neutral lint bands are turned into hart levels I is too faint in the appen part t and c loo blue w too trown 2 wants more bash of blue

Continued

Tig has continued the words are not very unccertaint; the tints corresponds to the several letters are those (pretty nearly of the preceding specimens

FRANCIS GALTUN Gooden

Z to blue

Z thought he to have

I make the blue bright; still

Un fig! to Grind a grand are not accurated I much but will do.

Look over all the letters G they are mostly imperfect in the down stroke a look like C (compare C in Francis with G in Gallin - ague agree ke)

To 71 72 73 are all cut good enough. (I have not seal back the original of these)



Plate I

Examples of Number-Forms

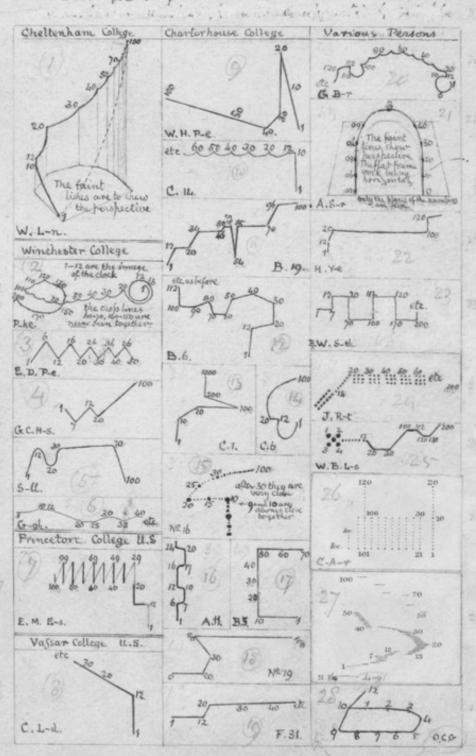


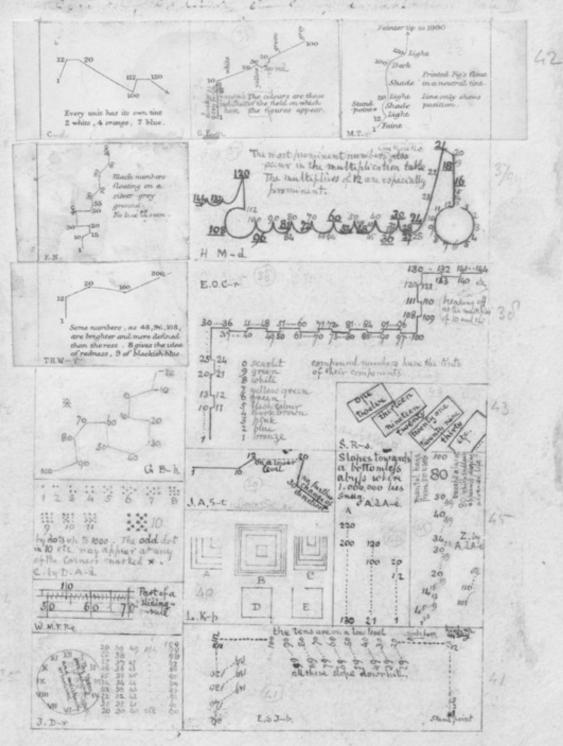




Plate II

The numbers are funcilled and the convenience of the artist was the true meatly

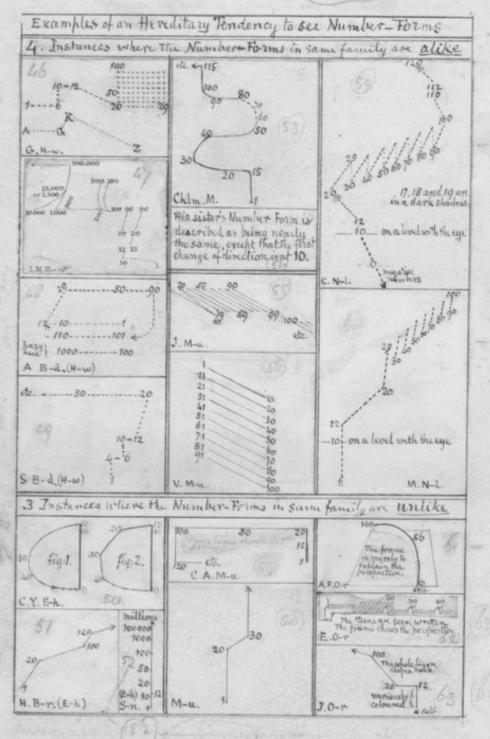
Examples of Number-Forms







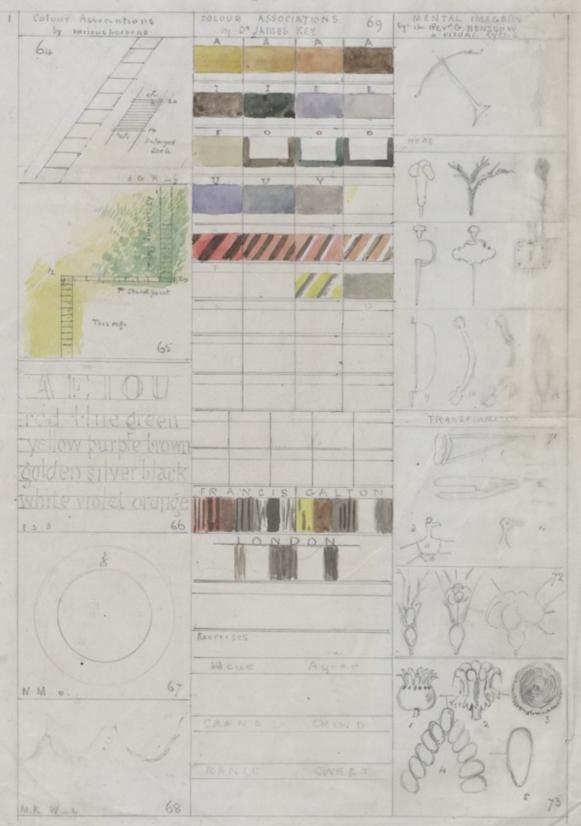
The mankeys of the state of the state of the sentence of the s



GALTON COLLEGE GALTON

To Printer main distince charles







3

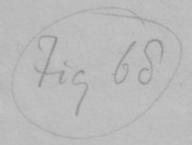


Plate of colored drawings

the originals are in an accompany



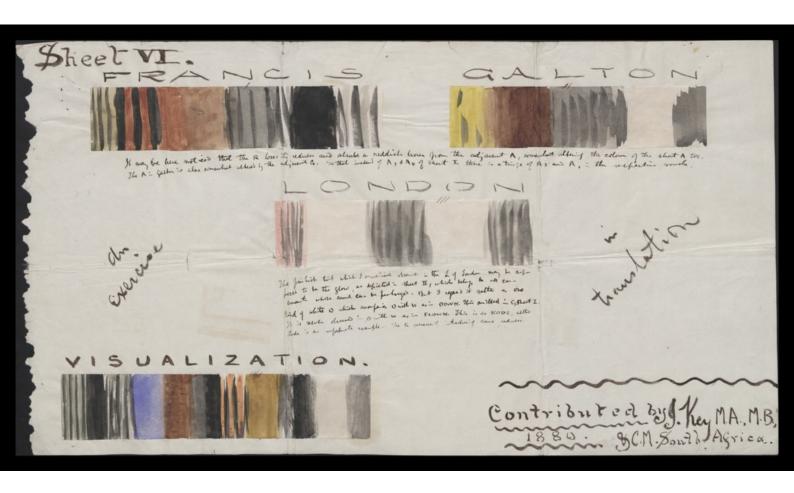








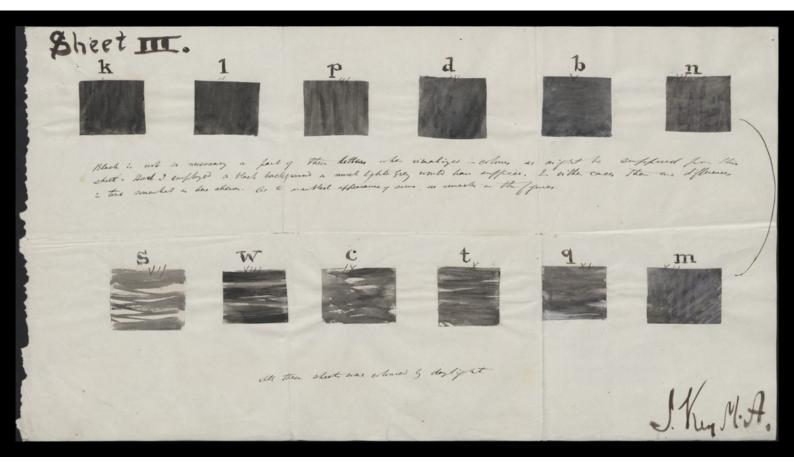
To artest imitate there to an to give a good general Edea.

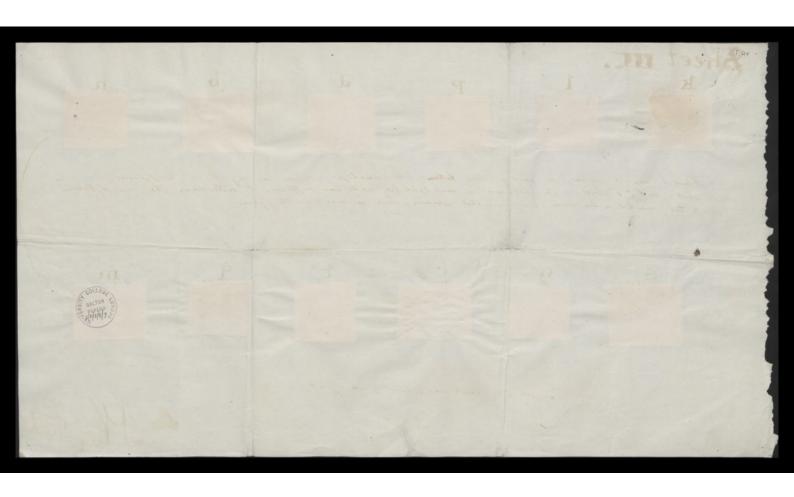


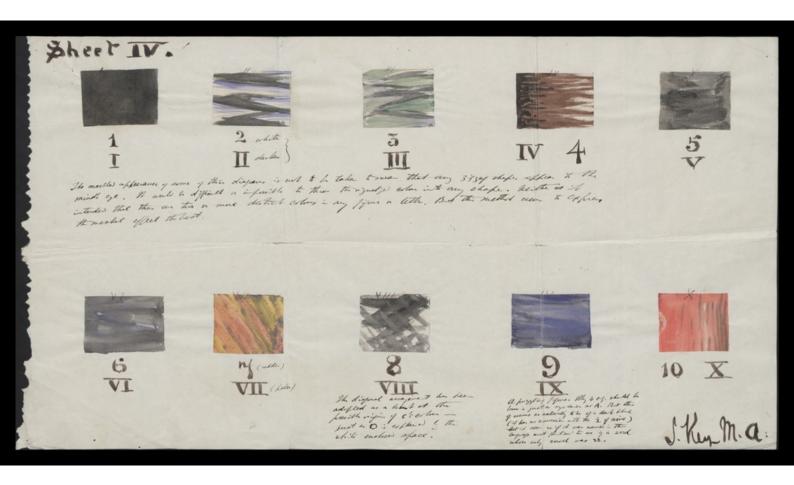




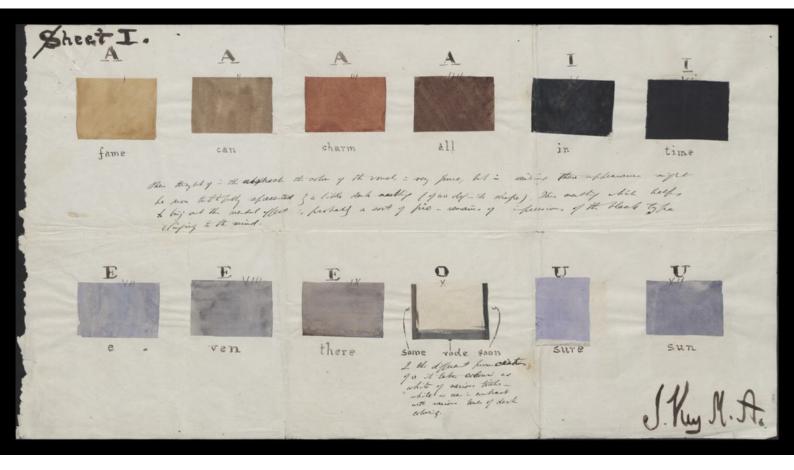




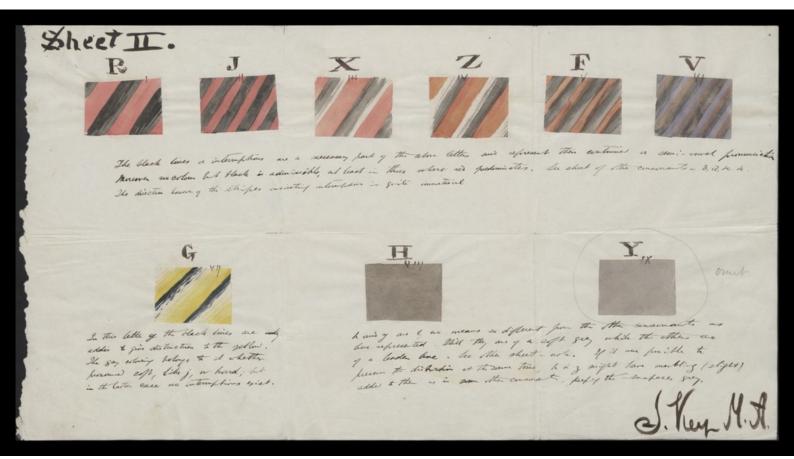














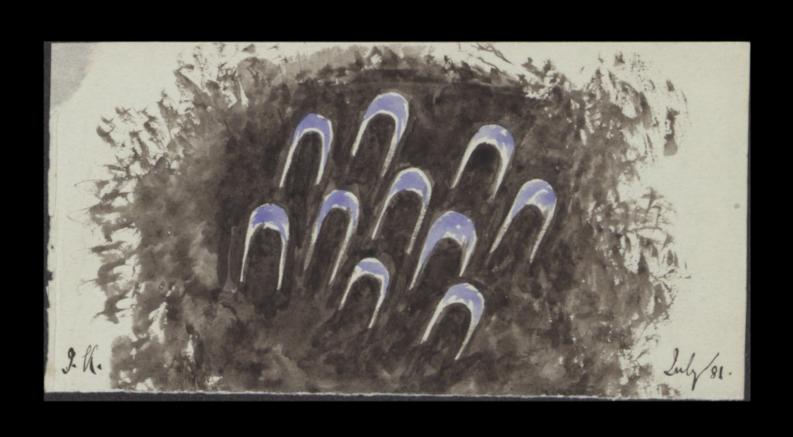


his temperiment to be the my our the of that of any menting ythe Tam'y or of Jathe a mother relations i at the same this D' Can supply you with the address In Juinds in Scrtland and Sugland of you desire 21. The thing I am any ions & tell you of with refund to some is in media ones a Rech of eard do woman July 3/16/ Illeand never been tayful pain ting a drawing except the merest und intent y sheteling from Natione. above ask Mings 3 am wasth to Metch animal Jejunes a parts, and get When I see, instern y pulterus, The heed of a sheep, It take as as instance one of a Thousand fmillities) I so not ung every custine and that in sathirty as of the living quinal were

Lefu me, but the desails, the defths & heights, The very hairs and The cities etself are perfect. I often wonder while I saze (if we can fall of saying with the eges shut) why I camed caket at least the main outlines, with fel and paper, whereas I Juan that without a copy I Thould place the eye again t and the ears erooked. Nor I evel distuictues & any means limited to they, recently actually seen. Suppose I have not see sheet for the Jeans except i distant droves, the details of the head I to contrine The Mushation would come out as of the animal were a few Jack distant and observed Through a small telescope. Dam /2 Dames Heig No 13.

English Mechanic and Science GALTON PAPERS Time 24, 1881 p 373 Composite l'uhaits before Photog. Soc. of G. B. 7 Callon 7029 fr 374 Sleef & Sommanhlin before association Scientifique de France ____ M. Rognard. - gradually sleep. apparently right is the first to become abolished. The outside world disappears, and a dream begins. Thequently, particularly in children, an astonishing spechacle is presented. When awake we should call it a haleidoscope, or an exhibhim of Junooks represented by various brilliant huer flames of all shapes, personing before us repidly, then suddenly laving away, Sleep, is not far distant ----.

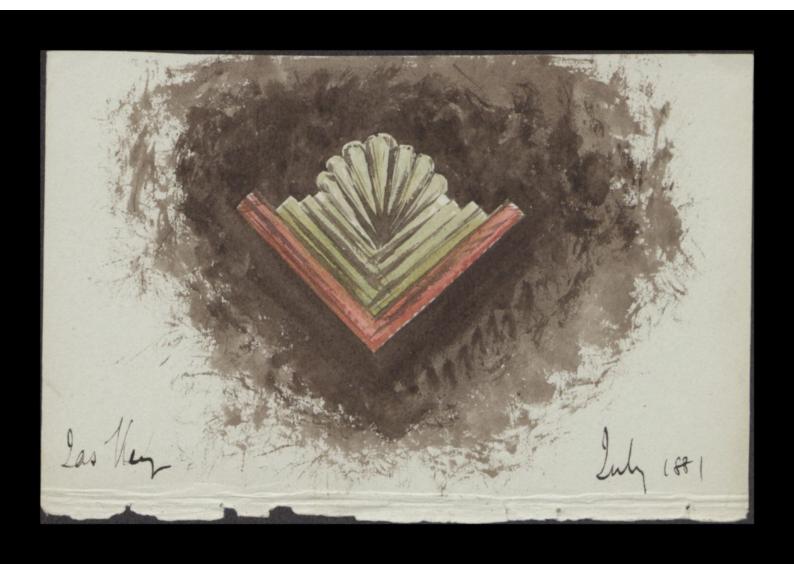
Montagni 1 1881 Francis Jalton Esquire F.D.S. Dear Sir, In achumledging jours 1 Lune 28 th I have & State that I have never spotten with wither a sisters on ouch subjects a visualization and having her much repairted non them since my infancy I carred cay whether they in indew any the reletives of My una could establish any fact for you as & heredigin the like. My father = -Men Zeeland and from whet · have heard I soppose



Seen on thinking of figures of July 20 n rather of my diapram thereof. oright to be more numerous and regular.

SALTON ASTACKOT ASTAC

Montage, Cope Colony



f. 5V

The Jan shaper pattern at the top was developed as the lower part Jaded. Instance of complementary colour.



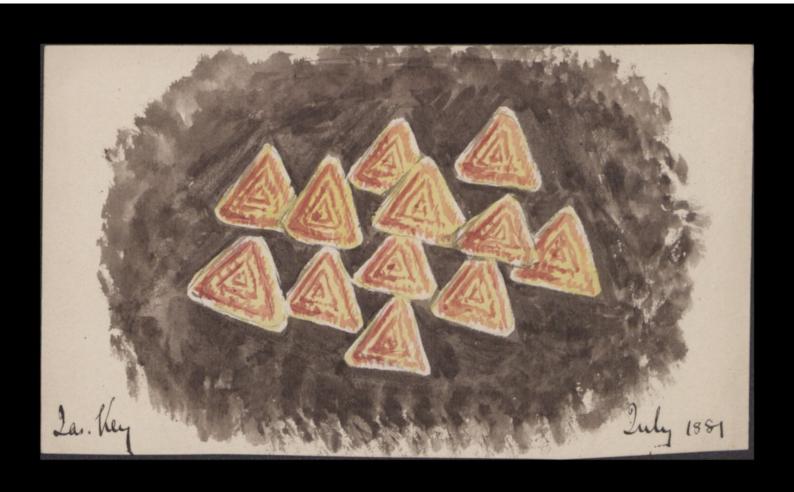
Monteen Capilolomy



as y a statuette with block backgrown, but a patch of higher res instead of features. J. K. W Juguelf Strewes Jymes - y arinals, human with ording duess - de, but never illurious and general partial - ouch a part of a leg, a distuit hear, or the like. See letter. montage Cafe Colony



The Key considers such visions to be in no way feculiar - she has always seen hilliant imper a supplier every one would do so y attentive. Backgrown of this opposione has an olive trut, and the Colour of the band wer of the most higher & intense baind, The lower blue was darber than the referen and the beathery shape were of a white I pray aspect. No concions association with which feathers. Montey. Cape Colony.



Only imperfectly represented. The Journess were confirmed and sprang closed, one from the other. They had a direction appeared and to the jet but whether to pointing with a side or angle I cannot recall. There was also more roundness about them. It is perhaps instructive however to note that they arose on this jing of the bower surface of a horse's hoof, when the frog and of the parts may have englished the appearances.

When they are a long and the facts may have englished the appearances.



The diverity in the forms of keyfutte the different arms caused by making trush to discover what the exact vision was like.

The arms were perhaps not eight in number Home rains endeavoured to think of any hiere of delf a the like capable of englishing this. Had been reading of Vampei and relices, but not y the Verpettern.

> Montage Cape Colony



An endlers pattern, closer than represented, as of a tortuous green glassy tute with pitter depressions. Association unburan. Varbably subjective.



Montigu, Cape Colony.



Right to rediate in all directions within from corner containing name I.K., and at same time crossed & interlaced. Rochground oght to be darlier, and the white quite light. It will be borne - mind that in these specimens on very simple patterns are deficted, by the leasan that ribban patterns with interworder effects are too dedions to draw; coloner are - some cases too green to be caught and noted; extensive Waleidoschia & church-window effects alter district - Their details at the time cannot easy he recalled except in part; and because time is not at my comman to refrese them adequately While it is whom the - there matters to draw to Tale, this frantienlan specime is ant y alperfurbin large on account of the difficht of cutting paper mueller In the steeriling of the same time the length of each 27 3rd much to short. Montage Cape Worms.



ought to be more numerous, closer, parallel, and segmentical.

not seen moving, but multiplying, as if (althous no conscious heads in vision) at every new look more figures had ranged themselves by the others. The blue stalks were added towards the end of the vision and would doubtless have developed ofthe parts had a continued. Colours I do not worth for accurately, having for gotten. This was seen on their large of some plowers not in the least resembling them figures, but engisting a garden in which see animes are; and the varietated leaves of these ferantisms. I suspect to be the genetic association. This instance.



Montagn, Cake bolony.

Brabrook.

GOLLEGE GALTON GO STATE OF THE BUSINESS OF THE

11 Lines Villas Levrihann 10 April 1878.

Myslear W. Galton, mons? Elie Préclus asked me, lash night, to send you the Enclosed memorandrum relating three cases of twino within his own knowledge Hoping that your paper on "Combined thotographs " combo han been read at the anthropological histotile lest night, I had intended to isk Jour pernission to mention the subject and borrow some specimens for Exhibition at the monthly meeting of our West Kent Natural History Microscopical Shotopaplie Society on the 24" april.

as your paper is postponed till the 30 h feel a little difficulty : - but as our west kent Society is quite a pariate affair sever my reporters present and no pullication of proceedings - I think I may venture till to soh you to lend me a few specimens, feeling sure that his will peatly interesting he htographic Lection of the Sourty. Trusting soon Whear Mat for hom quite record your would food health, Belini no

Swithfuly joney

f.3 /

Mondieur Gallong demandant gu in lestere remaille pour lui les cad pers de les donage voir trois exemples à ma connaid-

> 1" Led Vernoiselles Pape demeurant a Boston aufquelly m' Gallon pourra l'avredler lui me. me, las elles exerant la me deline d'une mamiere distingue, it pourrout reposite en délail auf questions que interestant La Science, Dureste elles Soul armables et complai Santes. Leur resseniblano est extreme au physique I au moral, - with

resullance he la lepun vant has Jusqu'à Hiden like - want time dilles Mempether, la faur fact by visity a Ta place Jany que les malades, 1 à perlowent dela dudstitu Celui des Hausman deur charmants Junes gay Nune Imglaine Vanning asser resometants exceptions reconnaissables, of mayor. lon veux avoir des rendeigne much our lever comple, il porter buy de savrester, how point a lever pore, mais a feur ani ma" Gustave logh professeur à l'université del Eurich. mer gustane laght est le

fare du celetre authropologisher Charles Vact. Je consulle de he had Subresser Morechment an pore, parceque il y a une annee by dearl friences à quelque semany de desfance out the pres d'une assague weebrale au deserpoir du pere qui a vail constant de las sem-c blable Kans la famille. Il parait que les jumes guy deraient when I um melange de dang allemant et de sang italien Ce melange agaid product un larachere remarquable par l'intelligence, la mora like it la beaute physique may on crawl que ces

demuty me Sound unlompose trap delicated

3"- lelie det fils lihamp Suice - dont la mère, me linke die est un des distingues , - les gumes gued Sout d'un hype de loud à fait contraire, il a falle Gineralement les deparer, de me de plaisent has vary la contragme I un del auteul, ils ne font que de dolerer. 1. M' Gatton descrack a lever Vujit des rensuigne menty prices, ge me Jeray un placter de transmetter des deman

des å leur mere gui orgase in te moment —

Elie Rechy
3's overstone

R. Hemmersmith al.

g Avril 1878,



11 demis Villas Leursham 11 apr 28. Mylear W. Galton Elie Reches is hother to Elipée, and his speciality is Ethnology. Indeed, he is writing the article Ethnology for the Engelspedin Britannica. He is sattled in England . very likely for some time to come - and has become a member of our Sertatute. hope in may shortly have a paper from . Many thanks for your kind promin to allow me to exhibit some of your phot opeple as Blackherth. My Breet in

asking permishin to do so was to interest our break men in the Enquiry, and I shall be Enceedingly pleased if it should protein any useful result.

taitefully press

Paris. Och. 3. 1802. My hay Sir, Jun levery the 25 tracky me herr. The formal autimbyhe marray is fourication, does hot wil zom me, her - com thepropuelary he- Review . There wi haver, teno Mially. a they low Sond Jon to seed written Sandiai I shall Trynally from 2 time uni contributions from m. L (trust Jan with orcas melly

f. 1v Just & baluelle Mabora. I return to London Comorons My allen 4 30. Brougher - Tresent Sto. any My wh: Jon may hate to me have Done alway have my muelale attulion. Joe purply 7.4.T. Siela -Jonnes Gallan Eg

11. HENRIETTA STREET. COVENT GARDEN.

(late of 193. Piccadilly.) W.C.

Och. 6"

1882

Dear Sir Su reply to your wok, and result to the Sister of the Ferhight Review I am instructed to say that the proprietors of the Review are quite willing to give your article formission to reprint your article on the efficacy of Bruyer; which appeared in ang! 1872

Thurstaithfully

For CHAPMAN & HALL. LIMITED

Fayward SEGRETARY

Fancis Gallandig. 42 Lulland fate W.



11. HENRIETTA STREET. COVENT GARDEN.

(late of 193. Piccadilly.) W.C.

Nov. 2nd 1882

Muisti, Jacques the delay in answering Jours. Son are as liberty to exhact and reprint whatever Jour nich from Jour articles in the Tophuppely anie.

Je Laithfully tudelhapman demanging bunts

Francis Galton Ey



mos Howers



and Hayer's 9/00





a Clue to these two its in a these prophice protraits in a these prophice protraits in a "moral song " about order to bristers, and the sense propably formed the portraits - order may be the portraits - order may be muse, from the costume.



purpose



25



Bank

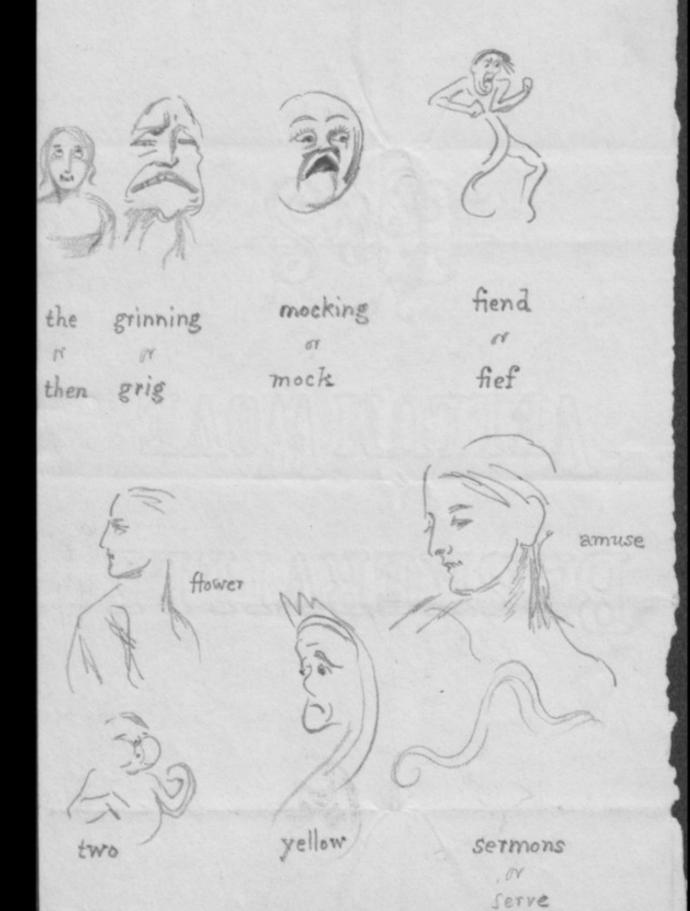


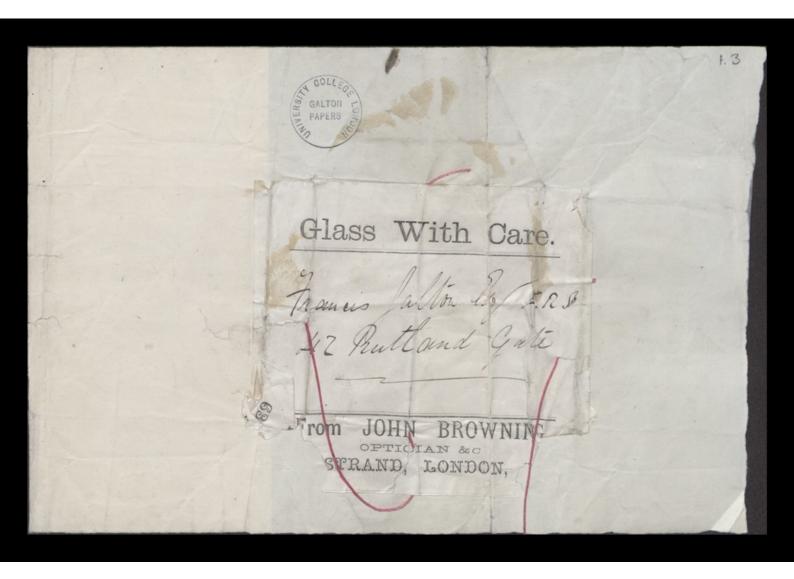
enclosed

from mos Hawein 9/00

f. 2r







New & State field Lea Agents Ph hundlear Sir Feb 10. I buid In the replies as accurated as I can: I have a ded 3 th of observations as my own much peculiants Johned much like to found Muntae Kins" (obs 1) to be at all common There was a long article A the Tubpet setter n Topular de- Nevier a Samue foruit - J Ing Whit; Which

Much me as Bruankaly confirm my own labrering. I will try & for I down lune annered mein of possible. - Thank a clar of Meetical Studies a freder sence ash the : as also at the Birtheel a class of theo. (nue « women) Hoping my embretilen mag he opsom service loga hy horin GALTON gur to Meuston

Than suver, that I am awar of, midlaten Subjective impressions for objective, where awake; but as a child I have tow and Then thought what I had dreamt was true. Tommender carrying to school Ime Leeds of the Leyenlerea, under the impreceion, that the Mosta had listed me to bring them. He, of course, has turprized as he had more heard of the plant (wheel free in our facter alltitation) I then descovered That dreamt in! Such too, I am convinced in the explanation of the absence stories of Centation (letter ali The Daily News a few year ago refin it ! People Jancied that When they were child vee they had been able to float in air. They undoubtedly had dreaml it, as larry one does. But as the confucción hetroca xabpetica x January it has her real. The other right I heard my name districtly a lovedly pronounced close to very heddide I worke with a noted start and raid Whis there? There was no me. It was my a subjective Infriecion breaking in whom the Eucen terrow of my Ingans. Confesion in hughors when the said 6 years ago. - often 3 neouths wheed with lugary the remer left her hed: He thought the reser

to take walks to kensingla faidem or Elsewh a describe there is decare to the Dr. get there was nothing irrational in what the rais above heaple on things around her in the had, and know me ofthe soctor fine unimites hefore 16 ried.

Ger Denolon



Joddown. New S Hentlow Dater appear as 1820 1830 1840 1850 1860 1870 1880 YC. 1829 1839 1849 1859 1869 1885 1888 pacetion of sight I faver supself of A When I see dates from 1800 but to 1820. The I go round the corner and look at all subsequent one as Victoria . K. X. H. VIII YE. V. .. William long the rieges of kings of England are from Right to Seft.

I telepied Ser Rejents Ph Feb 14 1880. My acar Sir I Whounded the nature of Visualind of & 24 hurical shares. My one had any idea of the phenomenon: and he permised to make down his peculiarita, he was, he was always puzzled to Vermenter Which was White & which gellow of Gold obelow. The Om

fold always carried the notion of Whiteness, have the confucin. In My alphabet Caux O are always White; y Afron the same thea. The black orrile neterifies If the medicad Whelenen. In the Earning affer Teching about vinit & me feulten Saw he always has his numbers arranged in strayer lives . whe has promen between have his draprams

hat no other wetendund The too was conscion. The flaving any the I therite lug sules have mindien his of have britten to with of their I send then (of they have). Than ohr witten to a relation it a Boarding house Nowmenunth; totry & ft some suone. Suice gon seen to Thuch my Visual objects Smechet peculiar, stall I hrote out a bruf descript ofseveral examples fa

hm? Ine me mort 60 buticrows [Than waterally a keen deure of the turcions, Thereted J. - I can confine them up at any enount, by murely shutty my Eyes & excluding, all transmity lyts through the Excless. I Trued the nove-but. un medialety, but a Most voice had: a had involved long Depal: Somethy like their.
I forced it mentally to whand, hut y c' and fell to then more Than half way: Ther: - When A suddenly three the polars som, is a manine the confued. & then Vanished!! ges my ling Muchon

New Greetel Terra ce Ayents th Jet 18/80 My sear Sir I sun your a furt melatinear of Visualind lumerals & from My Reiter (Miss H) a youngest do (Moro Barnaco Faring/. If gon would send one a coby of the Questions I thunk My heiter Machenier Comes furnit from auth eneful data. The in

a sery vermankable undwidend: as far as mental preculeureta are concerno -Than nor yer for the Eleeres from one or two Querical theauts who provino buch to we : but hale forward then enth Men of Lean Tasker Carrother / notowest of But Muse Cury / sec of Sin / A Mwant (Trol): but end it ever. Here a 3° al Colourblus! I have written out leveral Example of Kund alyects & of Em me kudly Blura

to me the theet of Obs I: I mil rewrite it a incor. = pirate wenth other. Mile ocho kend a defeavole Thut of eller trations to be with it. Thank [8. g.) raced up" a sace had a deveral occasions: but with different ecults lack time! for my fullipely Muelon

New S. Henslow Anthrice 195 Subblementon Arthrite field Lee. Rejents Th Jeh 23. 1880 by dear Sir. This frost Ame of my "vinal objecti." ces a few specimens. I could luffly you lith any annoust in addition, if required! In clercubing the fun I have left a fap as I cannot semember

whether the object is The June of a Sword or saw firt. It is let Mis: _ A A A A A En inte perter TYTT Ithuil Sward fish: but In Vfeel quite certai . 20 left a fat. The above at all events was the object to time of the frew barrel. In an al ferbed likely los whotever gon like Lith Mis a drawing Mollin hu loter In faithfully Mecelor GALTON PAPERS

Visual objects (Gleulm) Though I can weally sum up any object thought of, it not only is in Juveral Somewhat different from He End thing, but rapidly changes . for Example I thought of a common flass Lugar hasin. For a few seemeds it was duliut, but the surface omanuebaten changed in character & because here & = laborate, the crenatures we becau him possited their: IVV and at he same time the upright surface Hallund put and I herave toll a handene bout with crimin & bransparent cultings the Venetian flase. The boof sugar changed to flowers whereally White roses. [the book. Thereshe drawn full of rose, 427 Then all Gradually became hasy & disappeared.

They are an old fashioned pair felies like Seesins, They are valle deell and withing hunch ornamentation; but they some heraine brilliantly priviled and highly cleased. The steps then passed with solvers and bright, while the handles, bring already those officient heraine affropriately adapted to them. There are appropriately adapted to them.

The cleaner as in many care is the astricte of something the inthe lest let at the stopped connection for the stopped connection for the stopped connection for after the stopped connection for after the stopped connection for after the described.

Their of any particular object affirst, as smithing is Sure to some sportaneously bother a minute on two. Some object materia

f. 13 belame reflexed (fy3). Sur Exheriment: - Having ornerwherd the first but was of a moss-rose. This cloubtees has Suggestue, for the asts bud affeared completely Eurostopes in real more. 3rd: - The her came, but a decededly ar= = tificial rose had. This was with at all auteupaled. 4th: (figs). In Stead of a roce had, a hollow come with a worsey border with four peu poules tructures: affareully a compruise believe a tole- her and a bursuer! 5th:-D(1-4). Arou-but cause but list a Moss-ine-bud: a peculiar forts there pale-facen coloined Sepels. This changed to, What had apparently nothing to be dereved from, viz. a huar of wood on a mais of lunes. (fig 2). The wool a The moss became intermented and soon

See his subsequent

developed into a berdsmert but in a Valence ast horizontal facilies. It had one blue aspected you it. Lastly the Whole lapted into a heaf of taxe! This last though fuite weekfected, can be accounted for me that the I hours previously I had watched a lucar laying closure tax in a garden.

E(1-2). Thought of an ortahed in husbel of a crystal) It lame at mee: hat instantly bolates round its loop axis, to the left. If then revolved thelf into boys stringing on sopes round a pole (fig 2). They string round & round that the sopes heeave twisted round the pole and the boys was the carried to the pole and the boys was thus carried to the pole and

T.(1-3). In this case I waited thee an object came spintamonely and buthingle of. It turned at take a booden cross (fig 1). It ratioly spen round to the left, when a hand suddenly appeared holding the ruf. It stoffed, moved over into a horizolat position & charged luto a malachete comes with cylindracil Cross-hars: an Elaborately Chaled felver flate brug in the middle. - The har, In the decetion of the observer, Pacietad. the the assumed the form of a horn (fig 3) While the deliver plate from into the face like suffort Which was never Chartely ornamental felapre belver work. Sten of Vucushed

GOLLEGE PAPERS CONTROL PAPERS

G(1-5). There were thenking of a rake of failed traffeor, but a undercrift Fruit smetting like a reedler offeand but with five poweles Scholof.1) On Watcher it, the Tepah Shortened (fy 2) and a place Stone rode out of the center! as som as or has confletely theraled thelf the meolar- like fruit vanished. The Teach stone they changed tuto the Smooth Jose of an afriest store & There two hing perfectly natural in shape o colour are not figured]. He afrecot Alone then changed wito a new species (undercribed hitherto!) of fruit ressubling an olive in these a lige lat with a rough ash-coloured strink pulearceal Whe the skin of a heach (fig 5). It Then desappeared.

GALTON CON PAPERS ON PAPERS

It (1-4). A sherd shell affected sfin =
- lawously, but out of all proportion
to normal emotitions, for the acoust was
Suomnous as compared with the coils (fig 1)
the Spiral afey validage because depended
and the Shell took the forese of a
Planowis (fy2). The coul there assumed
a revised position while the houth
resolved whelf hito a liby-like affection
while to hite petals (fy3). Lastly the
lottle to hite petals (fy3). Lastly the
bouldest fig 4) and then variethed.

Is. This is a feeble alternet to represent a most heautiful lather followers: The tracery was far more Elaborate but have reform an inter-lacing as in fig. He whole was
constructed of frosted biloes and in mitation of material branches.

It changed its form, becaung mon degree ed, but always in perfect Symmetry. The flower were normal flowers; - roses, grasses, ferus re. K/122) fy 1 refresents a Spinlaceon afferrance of an oil can (affamely) with a black neck covered with a white capsule, the whole of the can being also White. He Capsule changed to a White hat; the can itself to the hory a Shoulders of a man, who turned at to be a negro! He three harts of the White law clearly luffestuf the White het - the black face, Atthete Coat; the thousand also correspond to the wheer stoping surface of the

Sescription of Visical objects

Lea by Mer S. Alexand.

[Mayor by 8 = 8x6.5x20

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add h. Distight 1040 words

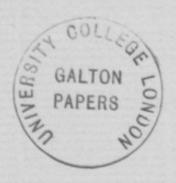
1640. —

· 1 page of Forbert = 12x45 = 540



Ned's Hepalot Tenace Rejents the My dear Sir. I enclose a few results ascutained from heafte Me hoarding House or Sources to the flavis This afternoon & she Rein to have visual objects pust as Ido, when I me so all her life: He loved he very plad if am would Send her me of gour Suesten Jopen locuswer The hell als try a linete out tome of les viend

heraddren in Acuber Home Sphuswood Road p. W.



Mrs Gage 42) only sees No ba 100. Sees figures from 50 Steel Coloured Surrounded with Jold, is a installed Mup D. (age hel 60 040) Mrs As (45) a Mrs L (45) Mis 15 (40) } the see muches
M= L(42) } restical Mip # (21) 100 200 gav Mip B (ager 78) Internediate humbers are described as true morrible - 1.8 ml No 1 & 100 are blen at once.

10,00 MEN. Mrs N: age 30 There cannot see relementate numbers hell 1 a 100. 70 90 90 100 40 piolet 3.0 yellow Mip M.B (31) 20, 12 20 30 Mil B. 100

GALTON & Sitelefield

PAPERS & Dept Ph Mew 15/850

My once Lir And 25/850 I send by their Port on M.S. G. M. Hawis Which shews very 12 = makable mentert Phriomera. - Der Visual objects see loke ruch of the same hature as ruine, though taken a deff form! of landocate: Ferry della Inthe Tarcades & running brooks of the bottom: mare of Noch numbels

With moss to. Every place of Each ting thrup if perfectly defined, If " peck out a particular shot black at I hope gon for my Last Emmuneation dope of balencolan Trawy of several Visual objects. In would like a lecond Edition" hey automatic author inte readely furnish any amont of copy ! gro my hus Muellar

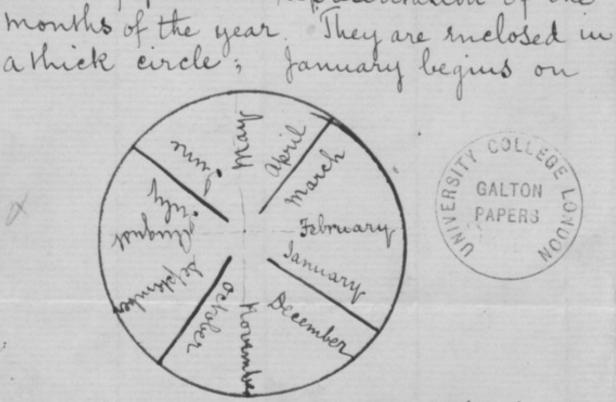
Thank asked 6 mine.
or les scientifie
men: - no results.
Two lasies: _ no result?

GALTON PAPERS NOON NOON

Henry Titchfield Tu Ryents th March 3/80 My dear Sir, I hund Im anoth det of ellier traters of Visual superts Whit formes a complete agree", for by a shop Sfirt I finally brought hack the lost objects to the One I started with, Kingh sutiré scenes

f. 26 V Nilus has culervine Holing Muc for minerty

GOLLEGE SON DAPERS ON DAPERS



the right hand side, below the horizontal deameter; between every three months falls a thick black line, separating, quite distinctly each three months from the adjacent three. These lines do not and probably would not meet at the centre of the circle. Whenever a month is thought of, reference is at soo once haturally made to this sort of chart.

Again in thinking of numbers,

wertical vow, one above the other; as she has no great aphthade for figures, but rather dislikes all figuring, her numbers are distinct only up to about the 200, when they get very happy and become lost. She does not know of any other peculiarity in the arrangement of Seguent letters or events; none of her visualized objects appear eta to be coloured.



A Visual Cycle. De GALTON PAPERS The first Orsial object that I becsented Welf in the occasion To be described, low a cross-bow (fig 1). This was mundialely provided with an arrow (fegl) Bruarkable for its tall pernounced bast and lafer = - abundance of feathering. Someone, butth Too wrotwood breeoquije and hear Than the hands, affected tashot the arrow from the bow. The suigle arrow was nestaully accompanies by a flight of orners proceeding from negle heleft; and Which rem, together, completely occupied The feeld of vien. They changed into falling stars but let at ale bright. Shere latter how paced into a heavy Sunstorm, he Hakes falling theich and , fact. The from fratually offered as a sheet of ound? There had been led

ground previously but mly space, The tunstosur cealed and the premiser four tralls, follor Tuen on attle back of Helcham Rectory , came Misluelly reto view, but covered with huns having detail bas clearly defund as Can Brumber the Teerie. This totality Suggested another New, Early unfreesed In ungricar (When about y years old), of a strung acorning, bulleast seem, and a bed of red buleful. Int at austhe hart of the garden. The techips frakeally Vaccished, except one; which appeared how to be let the usual point of Light, Last privay in the border. The tell was a "suigle" ne, et because double" and the petals then face off in continuous deries, until there was no thing left but the putil: lul fas is about surareally the case with very objects) had fits

in That Stymes was too by (fig 8). Le mest change was a fratual Jaceage of the Stipman wito three branching brown horns (fy 4) Shile the free orang became a sort of Stalk to the homes . - They rent contracted and formed a keep (fifo) While the Stalk because a somewhat head steck; he fact a knobbed walker - stick! The slight beind to the sight Leens to have Lufferted a centre-let, Rulo Wheel it lierned; but of an rather anomalous character (fif 9). the centre- 61 pased noto an wekening Sheelene: a Lost of Pin harring through a untal place ! can give milespectation (can) he rendered of This (7). He plate dufferted handle, which ramined the prevery

He "bered of the stick the (fig 5 x 6) blug affarently stell on the Train " reaffears in fig g) While the look Vacciched, fy g is smuchos akin to a staple" but does not appearently represent any real article shall. I um allemples to force my bile upon the visions. Fig of suffertion to the the bost- bow, and I deler = a wined of possible to bring of hach bruy starting from. The first allewest loss are retter failur! this of trop with In holding two other strops of came nited (fig 10). I still penerered and come of the strop suffertible suight come As come, but the strap broke the

String connected themtight their was

The fair concurrent of my automation
to my will to they a combined of their

the how cause (fig 12). This I has, then, no deficulty in com
verting into the lines - bow (Fig.)

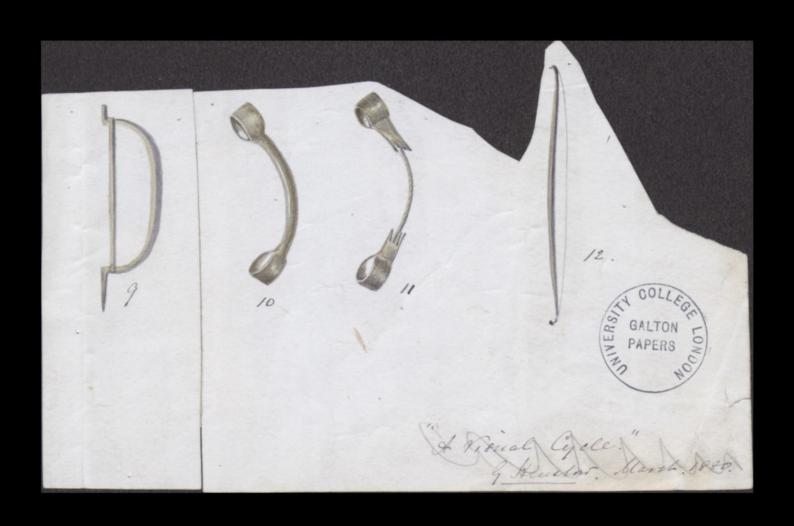
I thus returned the lines - bow (Fig.)

Sount!

GALTON COLLEGE BAPERS COL









6 Setetfield La Rejents The My dear dei, I must kend gon the Enclosed. His Ruch a cleary con of automatic Curinory, as distinct from conserved Aurmony, that Ithink No worth and trong former

I an looking found anth pleasur to There pair one off a lichets to Mont Hawris. I Tall perhang men Factes Townson En Co Muslow In Promble li aply

mertin Automatic Memory Posterifit to the first series of Visual objects Then I saw and tuber questly drew the Visual abject of a mass of worl upm more, I was not in the teast aware or conscious of Ever having ben buch a combination before. Homever, about Three weeks afterwards I hoppened to pass Through the Versen Deals & observed thenteally the dame object suspended in the window for Brothop, - Colin wood and mass in humber for sale as Monaterial for Bors's meets. I had undoubtedly often deen their, but revor thought about there. The abject has clearly become psycho- prophed " automatically. and the brain mufly lefs sodreed Il automolically onthe the and

of unconverous merciony. The woold moss so kold for wirds to Full their weets with: hence the brain bring, do toray, aware of This, the minediale formation of a new only the materials growned is lacily Explicable, but Noves Effecter Tolety by automatismo. In other words; The automotice action of the brace carried out, Enterely fils our accord, the object sufferted by the wool Thors; Which of Lad first wealled by weens cins history; and to made a perfect heat of the materials; het fring futher Than that, it proceeded - Murchle deta lolay an Eff in it! Geo Stewelow Mank le 1880.

GOLLEGE Vinace

GALTON SO SUJento ST March 14. Pt Dear Me Calletin for like in se very name or the Visuoli" Le. I should runch dete la come a hear of lection 2 hotoup a fruid. The grana felen? Is may I send two blank (secons) teches for Em

longer! as Thave Jone that Hooken Pare rue. -Fras afraid the Clouds whe pro ause, & wit Tened have heen auor Succeptul gro fartifules James low

ness G. Henrion may 3/00 Foulle Automatisen This I have often experienced, as he fellowing illustralen, I have bern reading, say a lesson in Thurch and While doing so the thought has flashed across me that I had (say) forjotten to brung a hotice, or N may be domething the connected with the desvice. This thought bustautly dels up a train Which pursue its course While I have become quite oblivour of the list on Twas Ecading; get The becerrang modulations and thange of voice appropriate todifferent Seuling has perceided uninterrufted by of their oron accord. now Voletin affects to me to be Suite al of the question here, As the Ludden Hought and the train of f. 41

Menglit Suggested byit were all automater, just as much as the Scaring the Chapter was. Hence Leale it double automaterno. When Mustralen may be taken from Secturing. While the flow of words for running on, ldeas and Suggestions crop up in the hash grown, as Mrae, of the rund, to be utelised later on to the tectime. Mustralians, not burely affrobriate to the moment, but In some subsequent from occur, and are quentally noted to be what, When the fetting howear is arrived Ane, then are destructly two pro= - Cestes at work. On the me have the audible Lecture, on the other the budercurred of preparatory liste-Enaking. Isn't both are, I fance,

Equally automater; because I an eist making any deleberate object of thought of the time. The brain kurn what I has tosay and The word come thentaneously. The lujfestions arise of mlaneously and mental work is mundialety laken of them. But I am not deleborates trying to Think of Such rester and nirumanta. Hot the two process. Which then may for a simultaneously are Welly automater, I think is protoco by the fact that of I ofen a book and lead alone and by of the Tame time to Think of Tomething the I cannot so it on leading the other thought Variables Ance! Ex COLLEGE

I have here so very burg enth Lectures in. That I have not had true to try again althe flowers. Com fear I cains succeed. - I fruit tho hoper in Science from the Called "Sensonial Vision" by It. M. C. July 1. 1868. f. 1465. Meirin



Peculiarily of Muelat Vision If write the letter I'm very forshead, in order that my Minds Eye may see is correctly, it hust be written hackwards as seen by an externel observer. This applies to the White hause of surface from one Ear to the other across the forshead. of however, I brite P anywhere on the back of the head /12 acceptatione on the Ismudvelle from Ear to Ear 1 He I must be witten correctly as heen by an external observer, The Change is about a exactly in a vertical line at the Ear ? If he Phe entited acceptation on the top of the head, I can Either neculally See it a written correctly to an external observer; or I can magne unpell is In all cases it is as though the vitualices to a behind the object of the observer in front of it If.

hooling whowards as theory a shylight! but in that care the Pis werested and hackward (b) and if it he a ward the beller are all wereles and backward, De melespretation seems to be that the Mesulal Eye has the Jame range of vision as the hodely. Hence I Seen to look through the Mull, as if it was transparent, acceptation bother the frontal half, or upward Herongh the lot. But I must fas it was I fet outrose and walk round the back of my head To see the P. correlly written there! By no effort of the will can I here roued wiede and look through the hack of the skull, as I cam through the foreliead.

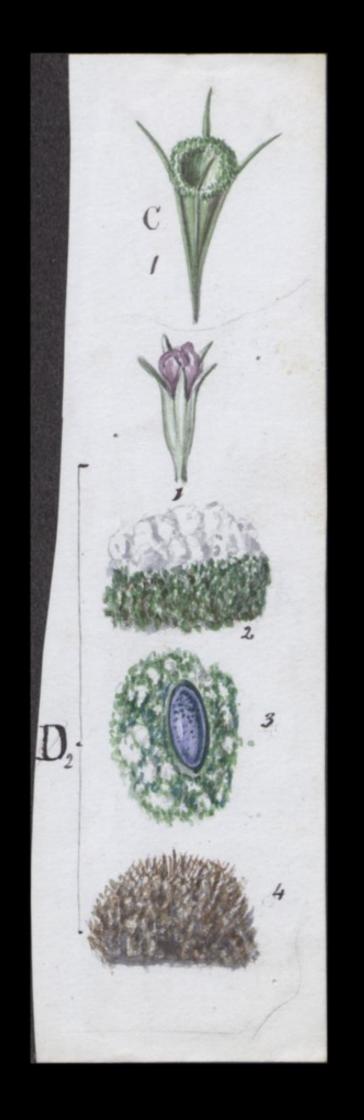
The following diagram will ellerties forthead 2 Persons of a x is the position of the mental Eye 1.5. in the centre of the Brain for all the Ps on the frontal Bruienele; lar outsede In all on the hack of the head he wond "Person" is miller in how hours to cother ways 1/ Hustrs

Ked & Hendino- Ming 3/ 50 F.50 Smullaneous mental atterances I find it is by no means defficult he say mentally two sentences at mce. Thus 8.9. Aon do you do and I am fory home " I can readily hear both leutences at once, put as if two people ever sheaking at the Same moment. By a Careful Effort I can manage three sentences, but not more, un is sary to hear the three voices at once. Le neutal process is as follows. I first say distinctly in huy Gon do?" I then think of the Muliace I am joing home " While I stage Repeat How do Em Do?" and then With Sentences one mentally androle

together. Having got the two xullions well logether, I repeat them and Theut of a this Sentence, pert is y thought of a seemed; the lund being um hene carceulvaled on the 300 pust as it was hefre on the 200. The flist deulence bring muchow left to take care filself. It is ly no means hary for we to hear" ale three Leulines mullonens distinctly, bit by practice and care I than succeeded foully satisfactory Go Buelow

& Tetelfeeld Temace Rejects Pl dec 18.80 Alan Molation I suld zom Same altemples A (lond) lov, si a Wal fartine. I por a gong Lady actist bod them: how I cant for White Lucant d'alis

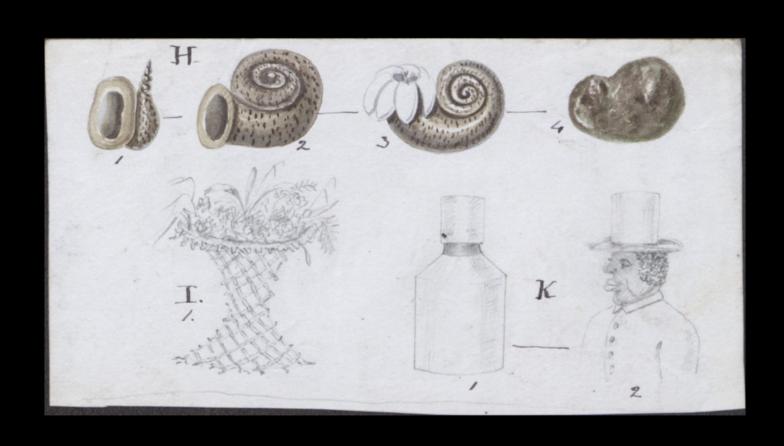
Dus Some humerals At Then sur me. And an Im Jetting on with & reculti: have En published aughty gor? Lu ges suine Meleshow



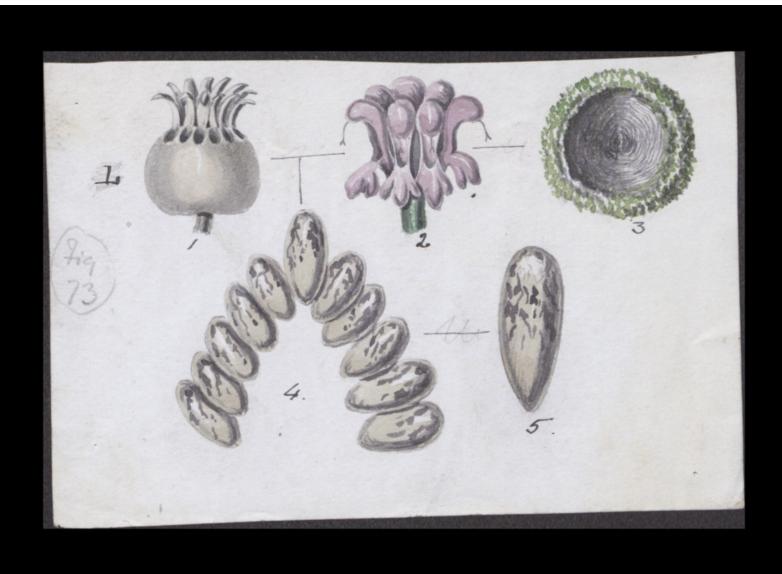




F.57V GALTON TO PAPERS OF







213 73

DALY COLLEGIAN COLLEGIA COLLEGIAN COLLEGIA COLLEG

And & Alexander Lee Rejudio Lee Rejudio Ph Dran Malla I suelne a novalie Har from Miss Norma Mood / De Moore or Warden of Sh parti. Horf.) a she tells me she has filled of 3/2 Questions; in Swith. The also tells the that The show duster with Ofherina nouel objects unice describe some for I thought of lettergraphy there breenys but y Ihours not have time

Attin heaven of the Sear; but if Em uneo let in boll at the Proop I should who to so o . Her trajran me remind gun of one the Jacker facter More moulter were Unequally destributed à a chrêle. the always sees the boods wither so she has placed them. What ded Darwin Huch of the writing on The head In.

f. 61 lung ucolon) true the clouds - sert salisfied hut an with the wentle

GALTON LONG PAPERS NO. NO.

March (2ig 67) This horman Moore Communicately of Heaston

f. 63v

F-Galleri (Fig 67)

GALTON LONG PAPERS NCC

Visual = f. 64 Collected G Red 9. Hendin Total No between red had no Chap of the medical students Brokbech Institute 20 male 1 ores 20 femal none Wadachlan Hort: Carden Otte 6 none Ungmer are giver in letter, de co Carracter Curry Mioart none younger cutes mis Barnan may arthur Leonard that 4 Hearlow partly Harriet Rose Charlotte V de Hunt Sergwich Self (Mas S.) 2 freestaries opi parte Bounemont Board & House no here 2 73. 2 1236 and 5: 57:11.17

Red of Major Barnaids dechhamblan Milleulian Section the book. In the many Thanks. I found it extremely wherestup. & have come across a new phrnomenon & should the to keen of it is new to sow; big: the faculty of unconsciously wersuf objects Mass Hawrer Shewed me a hecture of her falter hamly Wheil he did from hismory after Storing of is we the natural Jullery; hat me

taken it there for conference Louis Hat Dury they was on Lear with a steam-ting Drawing a Ship: I he had har all on left site which right vice vero -2 Tare: I Thered a lovodeut To a lady made from a pen dente sketch, which That previously shown loter: alle Manght the Sugraver har revered or! 3 care -My little mice aged 61/2. wrote the enclosed to her Fista Mary, but My Keiter did not sund it as the Enely is few Pight to

left a hoot of the Eiller aug this wonly is the page the follow ONAIP STICH 2 1 10D W 31/2 new UOC TO STOJ BRA CRCHT cow= of loto .PIJS= I AN YOUR AFF sleps. C. S. B WI DYEK IN 13/04. GALTON

left a knoot of the litters 66 are reversed! The was and away u of doing anything would in 20 writing M. the following is the page acciphend ONAIP STICH 2 1 10D dolls NEW new =UOC FO STOJ 3RA CRCHT cow= of toto .PIJS= YOUR AFF sleps. IAN C. S. B yes may ting Atris is written backers on Si (p-2 DIN OLLEG (new rous times) PERS (there are lite of courties)

Whe Committee (Scirclifee) Micely lod cy of Host. Gardens, the keneragia. I washed there we all ascinsted the prince (before we all ascinsted of the plus had resuch to the E shitlest enception forther in meanths by I! Dellasters, In Melachlan (subomotific) In Brown & Without Molachlan (subomotific) In Brown & Without Molachlan (subomotific) artist supraver) In Sport (No Vans) & Hope for hella luch enext time they & 16611



New (. Hengling I Filthfield Tenace Agents Ph My dear Li I send you the Ections of Failes / the hurice student) and sho a very slathorate Inne fremed & Skinght he would prose de pod à dubquet that I fave Faules a copy of the question his order to fet his freed brufly. Take Suggested his asking here to hrite mt he nonalised

Munerals a seemed time to see of topseed with the one victored. of Nother he ente take the house. me the suclosed return Jemma dary free. The The student daw his my feculearity was that he could set enewally Enervie of colours in the abotract. That if he Santer to Theuk Wirlet as a colour he could art so or anthant theut of the flower of so m

for must have a commenter offer of thought of thought of the second

GALTON TO PAPERS ON PAPERS

Henry Tetafield Len Ryento Ph PAPERS Mydear Sir. A am plan to friend Tuy visualisations where Sm. Jence Jurene Anne suore as occasion permets. San sumb oblyed began for grakends winteren sheets Lac auch pleasure wacefly shall he very flad and Irthen Stepapen often 5 July Mueston

6 Totalfield Fer. Rejents Pank 2. co Dar Mugallin I have turd twice enth clouds, but Count bring out what I want. I hope to see an luch artest - Mui week ~ Thought of asking him to try his hand at M. - Um have I get found the Sort of poper I wante. he have true to

fet ir. - Tohace Steer pursenue, 2 herholes by the time and received, smethy it Sping Mon Gallin man he brusfile. by les hip Which Asterie une lota ges segling. Leo Steverlow PAPERS

1. J. The only fresh bit, of mental leaver The met with, isn'd freed Who can for on with his drawing / he is an anchiled) & can lester to a discussion, or a hood read aloud of The sauce time: but I don't whether he soer Sufficients senaly mit whether he has fruit of fruit The thought the hos thought Thenthery Me I rawing and allewing to the reader_true abro = - lutely Innullaneous

Fig bhy To the arted The background color should be a trustey gray not to brown as Inclear white. 50 to 60 in green. So byo in down blue . To Jane ast we about . So is reddich I 2 Kingshey Thereto & go is yellow : best thee & last division one very in distinct in my ninds

Tig 64



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A Review of Auman Faculty

appears in the Lancet

Oct 13

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Yours faithfully,

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my dear Batton Jondon, May 12. 1881.

View was interafted by my hon friend who

John my note to suggest that you might call you new Science Photophysionomy or ology.

GOLLEGE GALTON TO PAPERS &

967 Will son arme Clenland Ohio. U. S. A. Mr. Francis Galton 42 Risland Gate, London GALTON
PAPERS
72/7/2/8/12 Lu answer to your reguet published a few weeks ago in " Naturn" I send you here an secount of some of the peculiar notified which I associate with mumbers. to me the numbers from 1 to 20 lie in a line flue, but from 20 they clope up to 100 at an angle of alout 250. Beyond 100 They are generally all as a link, but if for any name I have to think of the numbers from 100 to 200, or from, 200 to 300 to, Then The numbers, between these two hundreds, are I do not , when thinking of a number, refrant it but & do think instrutly of the place which it occupies along The line. Monour, in the case of numbers from

1 to 20 (and, indistructly, from 20 up to 25 or 30) I always fisten the number, - not the figures - as occupying a rightangled parallelogoum about Trice as long as it is broad. These numbers, all tie down flat and extend in a stray line from 1 to 12 our an unpleasant, arid, sandy flain. at truly the line turns abruftly to the right, passes into a pleasanter region when grass grows, and so continues up to so. at so the line turns to the left and freses up the befor-described, incline to 100. This figure will help you in understanding Han is a bright The letter & marks the flace when I commonly seem to muself to stand and view the line. at times I take other positions.

but never any position to the left of I nor to the right of the line from 20 upwards. I do not associate colon with numbers, but then is a goat difference in the illumination which different numbers nein. If a transler should start at one and walk to 100, he would be in an intolerable glan of light until near 9 or 10. But at 11 he would go into a land of darkness and would have to ful his way. at 12 light brakes in again, a fleasant sunshine, which continues uf to 19 or 20 when there is a sort of twilight. Imm hen to 40 The illumination is fuble, but still Then is considerable light, at 40 things light up, and until one naches 56 or 54 there is broad day-light. Indeed the truct from 46 to 50 is almost as back as That from I to 9. Beyond 60 Then 97. From this point to 100 it is rather cloudy.

If the numbers refer to degrees of the thermometer my stand-frink is to the left of 400 F, and I am obliged to change my ideas of 1-9 being a sultry region. But her it is endent That I am not thinking of pure muchos, but rather of the temperatures which they indicate. as to the figures, I think of 2,4,6, fellows, while 1,3,5 and 7 an showd, tight-fisted, Sarcastic. 9 is a farticular frud of mine, but I dislike 1. To me the months an arranged in this order James James February March normber april October May June July August Schlentes Les newing this line my standlowin is always the the date then present.

The dup of the week are unniged along in a line and han a shape, a color, and a relative sign. Thus Sunday monday Just widnesday Thursday 7 Jatinday bright Gillon Red Blue Blue - 9mm Blue & Blue I have many color associations with names, and times often anygret to me tastes - or rather, estrine combinations and successions of notes an thus suggestion. of Course all these notions are utterly absurd, still I would not willingly lose Them. I cannot number a time when & did not han them. They are old friends, I am instructor in Physics at the Central High School in this city, and han also a private laboratory as an analytical chemist. My panuts, & know, have some such notions about numbers as I have and if I can get a statement from them

will forward it to you. I numer truy Respectfully James Grorge F. Smythe February 214 1880.

964 millson an. Clinband, Olia Francis Galton Esq. Dear Lin Last minter & mole you a letter in rigard to my may of seeing numbers, and in due time naind your refly accompanied with certain question. Befor & could find time to refly & mes taken with sern illness which laid me up for a long time. On nearning & found so much work on hand That I have not, until within a shoot time had any leisun to answer your questions. The two hamphlets which you han

to Kindly sent me, and which & received a few days ago, han stimed me up to mite to you again. I have put down in my paper a number of Things which may not be of interest or value to you, but it seemed to me worth while to write Them on chance of Their being of use. after September first my allows will be South Williams town Mass. I shall there be sugaged in proparing boys for admission to Limitifie Schools, and will, if you desin it, make careful unstigution among my prifils upon These matter, August 12 th 1800. Ferry F. Comy the

E. & Smythen PAPERS & Rollins The Engineer in reproducing my "form" has left out one netungle to the left of my usual standfoint. I find that where Thinking of degrees of the Thermater my stand- fourt is at the left of O°C. or 32°7 and That the notangles and indeed all my ideas, undergo considerable change, When & Thand our against 32°7 and look up and down The line I notice no change except from 14 or 15 down ward. The metangles become indistrict and I associate a notion of being prinched with cold, and if a fale blue-white color. But when & am using The Centigrade scale

I lose all my ordinary. conceptions of place and see The figures (indistructly) printed at the right of the notangle of the corresponding number of The Fahmheit scale. Thus, if I think of 20°C & see something of this sort. The 20 is her opposite 68. Suppose & are Thurking of 170 C, I do not have in mind Just what it comsponeds to, hind know that it is somewhen about indistinct fiction of it and its place, all This enduitly comes from my not having learnt The Centigrade

scale until I was righten on twenty yours of ago, and from the habit which I then formed of always neducing degrees of one scale to those of the other. I suclose a fiction in perefection and color of my "form". I have taken gout pains with this has am for from satisfied with Wit. I know nothing about drawing and consequently am unable to but whom the paper just, when see. The faults which for find with the picture are these. The netangles stand out too districtly, as something lying on the plain invited of being, as they ought, a fast of the plain. The view is taken of necessity from an umatural stand-fourt and Lone way or other the ngion 1-12

does not look right. The landscape is altogether too distinct in its features. I rather know That there is grass, and that there an true in the distance, Than see them. But The grass within a few feet of the line of see distinctly. I cannot make the hill at the right slope down to The plan as it ought. It is too steep. I have had my foor success in indicating my notion of The darkness which ourhangs The ngion of Elenn. In nality It is not a cloud at all, but a darkness. My sister, a married lady, much as & do, but my indistrictly. The cannot draw a figure which is not by far too district, the

who is a good dist of a fock and has contributed poety and stones to some of our leading magazines, such as Sonbuers, does not visualize numerals at all. neither does my nother. My father sup That he does, but he cannot look Them fairly in the face before they are gone, and he cannot tell how he sees them. Serval of my pupils han contributed their riews upon the subject. I shall Enclose two of the papers. They wen drawn by a boy 14 years f younger. The boy has studied algibra his sister has not ! han no doubt as to their honesty. I also suclose a paper having whom it, in nduced size, The forms as seen by four or fin

Ther pupils. Had my health permitted & should have followed The matter up with care, and Systematricely. I commonly risualize my "form" with good distinctoness. I see it just as anyone sus any room or fild with which he has long been familian. Just as I can, for example, see at This moment the garden at my grandmothers, when I used to flay when a little boy. I have Cearut from your paper "Mental Emayeny "that not all can do this. This surfiges me gratly, for & can in the briefest fraction of a second call up any familian seems just as clearly as Though & were then tooking at it. and I carry in

my head furfect portmits of all my agrantance. I cannot think of one of them without the picture vising before me in my minds eye, - but not with relation to external space, and whenen I ned of a place or a firm or hear of one, I form instantly a picture of that place - Juson which & always ntain unless & afterwards see The place or person in nality. and it is often hand for me to give wh my immagined picture and eccept The true picture. I never wish to made a nort which & am nading to han pictures. They disturb my own pictures. I mid, some years ago, a number of the nonlo of Chailes Dickens in Editions That had not no pictures; and to this

day if any consulter or situation mentioned in those books is called to my mind & see The man or place or whaterer it is just as I first saw it, and with perfect distinctness. This is often a source of much amoyance to me in realling. persons and places stoken of in The Bible. I cannot rumber a time when the Bible stones were not familian to me. Well, away back when I was a little dill, I fictured to myself these places and persons and These fictions stay by me and will not be replaced by others. They are so utterly abound, - many of them, so inadequate, so false that I would gladly forget Them. But They will not go, If anylody says "Nort" to

me, I behold that patrient in my grandenothis garden, clad much as The gardner used to be, and hammering away at an ark about ten fut in length and modelled whichly upon the toy noch's acks of my infancy. and so with engthing I have put to myse the questions which were put to the Charterhouse boys and him are my answers, 1. I can see the brakfact table as & sat down to it this morning exactly as it was if & make an effort and bethink myself as to the whenabouts of Each dish. without this effort & han a my clear picture of the table, with light and color all as They whould be, but & do not locate my dish, - I simply get the

general effect, - just us a faintin does not paint iny leaf on his trees, but rather their general effects I ought to say that & do not think that I resulting The colors exactly as They are, for & count "carry colors in my cys, as the expression is) my well. When it comes to a question of slightly different shades of color, & am mable to say whether This or that corresponds with the color of the Thing which & have in mind. Therefore it cannot risualize colors with perfect Exactness. I think that this is probably time of many others. the whole room at once. But the distinct. I can see the suffectly a globe or a die at once, These objects seeming Them to be Transparent.

mental images an to me outside my for head and either in front of me or behind me, near at hand or far off, just as & please to him Them affear. I do not think that I can do the Thing which you mean when you should the price of taken. If I hold up a wheet of paper and think - for example - of The rico of Lake Eric from Lake him Park, the image will not Flay on the paper. I can make The image as small or as large as I please, but & can't fix it on paper, although & can see The paper and The image of the lake at the same You asked about my associating tastes with musical sounds. I have tried to innotigate this matter

that I might send you we intelligible auswer, - but & han had little success. Hat certains combinations of musical sounds do call up the task of affles, or celeny or cimamon or something The Then can be no doubt. But if I listen to music for The purpose of studying this mattered caund get Lonest results, - & can make anything tasto like anything. So I have tried to catch myself off my gard and have morded serval bits of tunes which han suggested tastes, but now when I think one The sound & find that I can make it taste in any way that & please, I have tried to neard these things and Then forget for a new test which I mught compan with my prinously recorded

nsults. But I cannot do this. I cannot forget what I nearded. Howens I will say that the Susation which I have is one of pun taste, unaccompanied that any sensition of odor or touch. Perhaps of my he not to day that I rather that the taste of this or that is Suggested to me. None of our family han these notions about and and test. ging. 7. Sungthe.



from 0 to 10 in a serticul plane. From 10 to 12 whom a horizontal Seem in a Harform. notical plane Endistruct abou The line 12-20 is Longated the further ded in 20 22 24 26 YC This form is to remarkable that I can hardly bring myself to belin in its gominess. Still the boy seem to be bonest and stands cross-questioning my well. The figures lie on a horizontal plane These slope refevent at about an angle of 450. G. 7 Smyllie

From 7. Saller (des is found this of sylvand)

42 Newton of Saller (des is found throws of sylvand)

43 Never van

The * indicates may it multiplier, but the flow is not absolutely fixed,

my Stevenm

f. 1r

SCOTTON.

RICHMOND,

YORKSHIRE.



Han Mr. fallow I must apologice to your That I have not sooner Julfilled my promise & Send you The hipsess of my twins hands, Shich I how luclose. If they are not Profficients Mistrick Joray Weturn

Them & I ville bry again. I Shall be very happy to show you the Children to getten Then I return to town. I shall be he London during hoobubes Adreember in all prohability & Shall be flad at any time to

See Jon at 65 Incens fale.

Blieve me

Johns Friend

Une E. Revenson

augh 14th



SCOTTON.

RICHMOND,

YORKSHIRE.

Ethel









Francis fallow Seg.

42 Muttand factoris fact in Nos

S.N.

Sindon

Si



Sugar Hope Ellen Stones

A E I O U A E I O V

aa æ ai ao au aw

ea ee ei eo eu ia ie ii io iu

on ce oi oy oo ou ow

ua ue ui uo uu

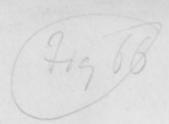
Ada met me in your garden and said, Take those roses, they are sweet. Do not touch my dog Casar, or you will annoy him. I caught hold of her shawl. Cræsus was rich.

Paul hurried in running.

Red, blue green, yellow, purple, brown, golden, silver, black, while, violet,

orange

The colours of these letters varies with the different way in which They are sounded. An and aw have the same colour, quite distinct from a and in or w separately. "I is there when short as in met." " is more crim son when followed by I ar y as in annoy."





Hodgewar Hous Sally 2 /26: /83 Den Mr. Jacken. I don't have white I Eun and for hour observations I would in my little give num be so The way by your the worth our. a duck number, forty a whats number" 150 or I the guidered he of frame her / by justy the musuri again sayamily the custom about the pritoring. I d white number 2 " dank "
3 " What! " 5 punk " 9 " punited of dante. 14 " hight " 40 % Whits. " about other the heritaled of

way charly an caraiss. Of they true the die not know mum ends by from exaft by means of the clock their deal by playing down inves with un. I am very dus that for an working at anthroporation for the Jam wind that were to down in this direction, of Exact results as push muded for the propu with out of the theny of Identition, with while I am us funtly ounfied. histig for all meur, I am, bry John Jan Gully GALTON &

. Stoly word Homes 3 Starre pol cond. 18 1:06: 153 Dem Mr. Jacks. Tother one prov suffering I have government my little girl about her Juie that from 9 the Cohner an the men 9 3 before, which spring ares country in the server charty ind (frutafe more charty of a diceminated), of others added. I approved remels. Jan very traf James Tuez Lee over

9 3/20 3 mg 6 ys 4 ms. one Whiles white dark Jus black Three Whije gray dunk darkish reds Form mik pink Jis dex JENE dark bear light pointed I dank anne 12cm bright of sless dank frem Muse Twahs Thissen light like for Forsten Pivelun winky gray whom was land ourited no the rum ber. LAS

Aldemarlest 27 700 1882 Dear Sir The Annacuts may be m form Charge as ling as gon Bush. Som huly Off Vmeint Dancis fatter on

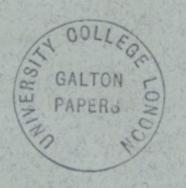
dedye Point F. 1r Westgate on Sea GALTON) PAPERS 23/7/2/8/17/8 Monday; Dear W. Satten, My seiler acked the & send you may mental vision of the year. Here it is as well as Jan represent it on haper, It is rether difficult to grand fully without making it too definite. The

The gray on each side means a total blank I have grown you a dolarer of five years Uce Ing as they do in my mind. I luclose a card for the Exhibition of picture to be held in St Judes School romes through This, and Easter week. There was quili a second

Bethnel green hurreum held There last year & the por huple so fully affricealed it / the pictures Christle / that W? Barutt (the Views) Las again organismo an Exhlbition. I hope you may be able to go. I have been staying with sun Meinstyliague & hor Children but return to town to Lang -Will you tele au

f. 2V

of I have been faithful to the description I finh Sie yn of my vision of the year. Om adviess is 32 Onelow Zardows yours over Muly Mary Kimplouch



GALTON LONG PAPERS CON TO THE PAPERS CONTRACTOR TO THE PAPERS CONTRACTO

77, Grosbenor Street, Grosbenor Square,

Twin hothers Mefr. N - 122 3 al time of death - They dosely cerembled one another in every particular both playiely & mentally is well as always having the same actiments together. During the what weather of March one of Them was singer with acute plenning which hvorbaed the displingen other travelled over to the other side. Im this he died in hime days. It was not know that he had caught ested, the cause ofthe attach hot being very appeared

rate of the Comment Space

It's two hother last at his hed hides essiting in unring him . In the day This death the time sink towns appearing kerfolf frite well but laid this father, who was making preparations Jathe Juneral, that two pares had better he mude leady or he should somplem his bother - This was said deliberalez & calenty. anthat night hems leized with sente foin in the chesh & the medical man frund plenning er in the other case - the disease extended, pand over to the other side

spensed fatel in hime days. There has not a lingle symplome different from what had been observed in the hothers care.

GOLLEGE TONO PAPERS PAP

Agoing lady, with at my house,

try, theker turn bioleus who dosely

cloculte one anther - key know

been always together following to time

friends afternier - key home day,

hardte same ailments at to some

f. 2V

time , When wither macounts Where attachment they used to lets then hothers drisless that the later had us concettion of their love from auther - Aferralles of one Men has married & force to Sections butsheher laken her turn lister with her Whenhand has time time unamage mirtshen har for his wife I stid holfind the mistate lustit the Tister came into the room

Samuel Wilks

Nov 26. 1580