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MS 4581 54400. Mental Docestrain in Education Lag G.S. Shuttleworth B.a. m.D. to (ancaster House, Richenord Still) formerly medical Superintendent. Rizal albers asylum, a ancaster. Inventuring to bring before this section afew remarks upon a somewhat Trile Subject, I must plead as jub lification the fact that and written by men more seperienced than myself, There STill exist undrealing of 4 Tendency To menticel overstrain 4. Certain departunes of Education. The the consideration of the subject is they be well to chear the ground by discussing The questions, U. What is Education & (2) What 4 menus by Educational orrepressive, or fuch pressure in Education as if likely to result in Mantal overstrain; und 124 To Engine into The inculance, the chology and the liques of Such overfressure. It few words may follow les requees prevention and to calment. To unter the question what is Education it may be useful to consider what is is not? With Some so, Called Educationalists of fear the idea Mill hagers that it cousies of crawning a Inud with as much of as many Subjects as possible. Ou laughing philosopher Punch has however been any observed that you laund hadle grammar, and metic & geography into a child's bran as you would brunstone and Treade into his stowach ; miled a Smattering of pleitology will serve to those that the work

Educations means not putting in " bat drawing out and bearing in lunice the plughotogica Interdefundence of bodly and mental davelog. - ment loe may day that true 2 ducation consults In processes of training to tuck will procluce in a given inclinate The most furomable Erstuling all the faculties both of body and mind. a rational Educational System will of course recoquite the fact that children are not case to the Same mould : that there are infectent - often withereted - differences in Each pululs powers; and that to altain the best results uttraction muse be allafiled to uniosynceasured and proportioned to varying capacities . more over the comprehensive and far-reaching Character of Education must be borne in mind, including as it does - as Palay parts it - at "Long preparation that is made is our youth for the Sequel of our lives . From the underal I tunk could, undered, we shall refely in the apprimation to the queen of Plato - "Is not That the best education which quies to the mind and to the body, all the force, all the beauty. and all the perfection of which they are capable ? Overfuers we in Education may in brief be described as a neglect of the principles just tel forth - a neglect which caused fail to lead To sucutol over strain . Thus a cash won code huporing for Each year of lage a clefunte standard of acquirement. headless of the Darying Capaceties of children could not fail to produce it. a this regard of playsical Conditions underlying mental cooluction, & of critical choches of development, especially in the female set 1. 5

affecting capacity for Excelion, is another Efficient cause . And the undue excelation of the unstable were calls of a child of newotic hereddy to such a putch of activity us unglet be harmelets in a worman child will his the case of the gorane be after to Constitute over Alain. Pore-pressure " underd Wi not an abs of all quantity, but has to be thundled in relation to the personal factor in each case. If may therefore, be defrared, in Corres of Educational work, as That amount Which in a groce case is Lillely to produce excernice serace of the physical or mental systeme, or both loe pass how to the consideration of its weidence . Thice 1870 Long young Briton has been confected to submit to Educational processes of some description between the age of No + of 13. School attudance is le owere allowed to cound towards a grant from the carly harop 3, I in forme schools there are what are cauced "babies' clauses" Formary the leading Idea with regard to these babes & fucklings was that the function of School was to leach them to sit still, requidless of the uncersant infulse to moorances which characterises bondenon it healthy young animals. Charles Kingsley mothers, who untread of letting these children pick flower & unke der pies, as holde children I hould, Kept Them always working, working, working - - - . Till Their bodier grew small, 5 These beads were all turned into hurselfs with little but water inside " - Und in clays not fue

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Wistand, we knocked of hy do explases as an allegged produce of mental overstrain la larly years, and it is reasonable Enorgh to Conclude that where a peocleorly To Cuberculotis exist, cerebral hyper curca and the shifty goon les atuotpluse of School some may conduce to Entreallas menunques. To- day a more Enlightened View obtains as to the treatment of Sufants, and the Educational Department how officially ducks The fostering of the spontaneous & to operative activity of Juck & destars The musical deill. Hudergartingans & occupations, & other excercises now to much in boque in Sufant Schools use no doubt extremely brueficial, & will Sanitary sufequendes the suparts his our Manufary Vileouts use before off than they would be at home - Thrugh precocious children are Sometimes injured by being publied who promience, it is not his the supart schools that los shall often mut with instances of vous loain. nor is that now adays, I think, So much bridence of otre- pressure in elementary schools for boys I quits as was noticed some Twelow Geauago by our distinguisted Couprese Ju James Crichton Browne. ar That Time he proved to his own Justi faction / ip wor to that of the Defraction) that more than our Third of the Children attending chancetary schools In foudou Suffered from habitual headache -(52.3 7 the quile & 40.5 of the boys). He reques, more from the increased preschence of heroons diease in children - and he cited in tupper of his argument the license Suice the passing of the Education ace in the procente mortality

from Enceptealities, from diabetes, from Kidney & thematic diseases - I chaining there as chreater with warked unover affinities] Y from the frequency with which he had week" with chorea, with stanwaring & with hemalyca in School Children examined, that overfreethere Certainly counted in connection with Compulsory I duration in chementary Schools. In those Mays it would ferm to have affected more loney the will children, classified by fer James Concluton Browne, as Entre chull, Staroud or delicate, The code requiremente of that date conducing to the where this up of as the far as poisible of all children to definite age standards. Nowadays grant are 40 longer made on the precurry of patter in Standards arranged according to age, but after examination of the Scholars by Sample. To the Surfuctors are also authoused to ask the Teacher to felect a few of the best children for trainistion in the Leaved Julgede, to that The dull children, as to furthe ufe the brighter children to a point that that dayshe the Surfrector. Importunately bright precocious Children are not unprequently the offlicing of a wearone stock, I it is just these that are likely to break clour, under Emotional Excile. - ment & the pressure of an Examination to prospect. From all thave been able to gallies both from teachers & from the medical officers of thisdacies hotfutals in Loudors, it is this class That furnich cases of Eleverat of School-headache of chorea, Solla neroous affections, more

Justiculary about the periods of examination In secondary Education the incidence of over-freetime would Lerm to be more marked in the prefice along schools matter than in the Jublic & other Schools for Seniorboys. This is probably an instance of the succesal of the fitters", & there is much reason to fear that not a few permising boys, approaching the Tying spock of publicity, are sacreficed to the Motoch of Competition Commination for Entrance Ichotassleifes. I do not say that in Schools for lence tongo there is no overfuersure true in The Jublic Vilores (& others following their uselinde) The Landency to brain - Main is counteraction by a goodly proportion of out - cloor Excesse and physical Exercise in the way of games. Halaling Schools of the Lyfee of D' Blimbers, Saturied by Dickens as "a qual hot house in which there was a forcing appearates constantly at work, & mental green-frend were provided at Christings, and intellectual affraingus all the year 20und " are not wow to common as foundly. With requed how wer to recording Schools for Guls, I year that is is unpossible to Speak with farme of the hyqueice aspects of the Lystem pussied in the more advanced. The grace emulation of methods formerly Derignated propria que maribus, Vome al Least of the High Schools for Giels Seen to have operlooked womanhood. It has been will remarked that Puberty with quies is a ferrid of profound heroous, I ucuso Jesychological unport. many a weak woman could, if She only Knud, Trace

buck haw weakness to an overtax at this period oflige". It is most unfortunate that too often There is a trudency (for which parents equally tout acchers are responsible) to subject to Servoir & Echanding Study quits of ferre 12 6 15 years of age, just at an Eleoch when they Should have the minimum of School 200m worth. I the maximum of out door exceeded I recreation. The rapid growth & development which occur at this period & the physical changes con. - cerued in the coubleston cut of the menstical function Constitute a drain upor the gues organism, leaving little reverve of Stringthe for anduous mental exertion. What horocore do we fund is the actual curriculum of High School Guils al this age? Tome hours almost Continuous book in the morning. exclusive of Extra Subjects in the afternoon, with from 2 to 3 hours preparation in the after front of the day. And to this is superadded Time necessary acorted to the practice of music & other ferminic arts. Where on a wruter day at least, is proper sources recreation to come in ? The Public School boy has at least 2 hours compulsory blay (unally in the open and 1 of afternoones : it is The exception, I believe at guils High Schools to have anything so please as a play ge ound, I Sknow of one where a lock- cquipped gym. - hasum trists but is have used for gymunthe treneises properly so called. The morning interoal , hominally of 10 or 15 minutes , is not usually Spent in break exercise in the offen as would be the case with boys, but the muching

8 blens, or midbling biscuits, or at the best te parambulating considers with and entioned around companions' wants after the manuel officiales. Is it to be won cered at that as the term proceeds the Loses Lot have been used To associate with Insidens checks gradually fade & signs of heroris echanstion show Themdalow? D' low. Play fair unached in a paper reader the last anneal marting of their arroceation that Some High School his serves servet hold the view that in relation to Education the mand French of unchion may be ignored, and he quite un lindliner in which the the Head of the of the principal & best Know College for quils had written to the medical father of a brother Done huled for Jaquing That They [.. e The Lotlegg autorities / considered That The manthead gunction to us hot of coursequence, & that it was in ab in ander for a true it cause all right af and and When the quile left V derd - a Sutin we rather semiciling tree of the story of King Launde & The lite In these three points These, 4 Securior hours of Study, expected During Stuck of geowith and Neveloqueur, & deficiency of Lystematic but don scence & secolies, + 3, dinequel of they rological functions differentiating the Capacity for work as cutain times of the questes Comparal work boys, I Thuil are High School Lysam needs amend mand? In loomen's Colleges of the bype of Gulon neurolaw, the Royal Hollowing There is more starting in the current un, & a antim Safequerd against weepersure in the bly of out door sport. You have how were there is with in the frequenty recurring transitions

Which we lake more heard & carseculionsly by young women Than young were of cores for dig age, I with those of back hered in topeccally there I a l'endury to break a men under the flacing of Competition . During the last year Share had under objers ation the case of a gut of 19. Student of a loca and college, who he health Completely gave long under the pressure of the Chistenas Trinks (as the Lemmal Econ! hemotic stack theret open alcuded by mylines of Heldous succession exhans Live Muculinias los may briefy counder the chistogreal factors of mental vous liain. First y foramous comes - a hear ofte family huston, & fundisposition to tubucke. To far as There seen, Signs of overfressure are lareng have with except when there is such monthad here dily, letucture in clausertung on in Second any Schoole. Accoudly mal hutritic. In Elementary Schools There is no doubt That over frees we often means under-greating, I were with Scholars of the Setter Social grades Conaciation Consequent the thirking of sucals predictores to use tak Breakdown. Jo as Buens Grace Expressed forms has mont & canna lal and Some wad Eat The I wanted hudly. Hour Sinchafter Sp Muni Caller In the Flunche Leg disorder of the manstrual function Causing tructubeles & deficient porous of affecti. · Cation. The unpluence of functions paractices ausing the fectore of ferenal developer cut wall boys & midel with both serves much hor be voulooked. Findly with one or other of

T marie Corelli well clescaloes the affect by over pressure in the case of the poor little That Though only cheven years old , "There was an almost appalling conficerion of wisdom on his Just wistful features : the thinking furno " alsearcy marked his youthig al brow -

these fredis porting quetors sources we have the exciting influence of over Alundation of bearing celles resulting in Jubrequest extraction. anong to Symplered noticed we may thereif the gottoroung . The young children a wrange fir atimaturally old look, To which the funourd forehead, Kinited brow, bagguess around the syss and lattors complexin all contrabule. It Guesal fidgetunes & instability - Some Omies musale Tratchings, Expressing seen ubout the aufler of the Inrulli? are worriced, & there is a gunal would of love about and Balance about the unscalas System to that the land when Suctanded assume a fuble pore, I we may often her or ful fugie. Twilches. In more surve and actual Justitutions of the limits secure, & the by infelous parts, Expressing with quis, unto well. marked Choren . Head ache is frequent? & un habeling attitude is with the hand present againse the Monor : Mey is as a sule distucted . with young children transund hoctward hyper. - pyrescia to lest Tupequeent und supportants foructioner occur. In Some cases the longue o lift are Tremulices, & Speech is flaminding. These to as a sule Sou a cance of aligestive disouses, such As four timpue & fortid breath : often we fuid a distante for wholesome food, Sometimes " procetted uppetite, & an overfound were for tweek? In toget geels putercut boys & quels the nemastalunc Symptones land to be more marked. Juch as hicapacing for furthined attaction Capeosizia J. fletteness of lucenory, a Rudancy to answer exactly off oute to what is know Tobe conce [hererophemia], henerelyca ~

Vingues layseria, Stafleumens or sopor, a want of fluck & queen upully. There by sufficient are HTTe allociated with Juch pluysical Jugits as 4 Jallow Sulty Complexion, anornia, courtigation + what has been designated Unoreria Scholastica hour in To Soliel food in the larly have of the day neve-liciualing for horas houris hing diel; und, it is her only from want, but frequently from want of appelite, that the over fuessed children go To school mind Theibreakyall. Thave my self had the opportunity of watching a trigh School que, maturally of good physical as well as mental development, whore moning appletice, orgonous at the bequining of term, becomes small by degrees I misceably Less as book presses & The command and Epoch appendaches. and on laquing us to the causes of breakiling of the Trudent at the toman's college referred to I Yound that though the principal lacals were school In Bull the more stucking were affe to shick there Mager votice Vicinels, I while up their flugging porous with tea, made (ad lib) in them own 200ms : a few words on perocution & localulus und Clove the paper. Us requedes prevention much reste with the parent's themselves who are but too afer to this responsibility & throw all blance upon the Fuchers. The poores classes have indeed but little Officions as To The where lost of Education To Which They will Inbject Their Children, The Education Department acting the part of Provice unce in Jucresiburg the curiculum. But it has not always been a wise Providence, & it's deces might have been at time's hora judienous had it bem atte To wo will itself of the addistance of a medical actorises - Illa

a hopeful Jigi That many of the larger Lehoot Board have approved medical officers, & as their offer, · Emilies of influence increase we may look for an infuscincul " hot only in the lagguine of schools but of Educational Systems. Parents of poor children to how con Thems clos make a big or our stand aquine homelessons & unclus decention, the most common Curren of vourfarshive in Elementary Schoole - a regard Alconday Schools pasents have more in them own hands . It is undered have to wint the fathing of the Any, but it is clearly the duty of medical men to protect against andi-playsiological practices in Schemes of Education. Parente who know, or who are adviced, That Then children are of unstable herores auferand hund busines of the string wow whan of competitive I cuminations in Luch Cases, 20/secondly at culie al stordy A developenent. Unche may be done in favorually Ray schools, in the way of 2 agreeding of west and, inin. Times ou sufficient out don Exercise & ample homes Gless of course with overstram as socienting she The Take of action should be Obsta principiil, and Warning Sigures, however Slight, thank hot be Direquede The coudieries precedent to Inceres ful breatment is he water ally the with Or war of the proprie from conduction Huoun To be infinent, Low at the loss of a tering schooling Il anis fest is not always and wasted; & To want For the full devel of ment of threatening Lymptones a paper read ut the Intern Cong. of Maquine 1891 Vor 100 1 The piteste history of Slases of What he hed iquales as School bred chores " These poor children haveng been hefet with These "notes to the grinds love" in Spile of morbid vestessness, the Significance of Which was

notappecciated by the Teachers, low ory semoved When I With' Dunce had developed to fully We to render them abrohutily uncapable of School work & Sometimes wer of there " that they been aware of the hand lest so save applied Thirdy relief hughs have being war & The worse typefel averted. as to treatment, our may lay is a gueral long use all une that will ivegorate the body & cheer the minind. a Change " is often becommended, but let it be a change worth an object, for nothing is worse in martial overestrain than maching and leine for unbid introspection My lical exercise hi line conquered form & taken intuddecalles f. 2.9. buyeling, bouting, termis on shating) may be of great but a restoring the balance of the cuillation . a Course of light literature is fuguente of ado undage ; I an interest in turnouch work, Such is wood curoug. or what is still better forme out loor occupiation Such as quellenny is of Vigual Strokes. This close hot permit of the discussion of drug lications the inducations for which while Daug to deforme Cases; but as a tule if may be I und that having quickened the Maggich exceeding functions by Due Julgation, I biother back habits of insorrier lag a Thost Seventie of Sulphinal Thurabilety de. & crenquious & herrine tomates are of Value . Untertion bling often unch unfranch , a compo of hears ngt & fleding on the Develie schede & getter ming be of heronce In Extreme Cases, and us a time the allen metholiss of Cod-live out mattice be is beneficial as Conclusing to that Comportable condition of body Which according to D' Cloudson & other pucation 4 Wangelisti of the folled of Faturess is destinally groomable to manfal contaite

