annual tax will be amply available to discharge the amount borrowed in annual payments, as that of the Baywater Tunnel Seege has been, until the whole hous shall vanish. Iskving London in possetion of closer maxime subpression to action and importance in the boasted constructions of Rome. An OLD Courses on A servin Nerma.

The Baywater Tannel Sever is about half a mile, say 2,640 feet, it cost 6,3001, or about 21,88, 40, per foot; the cattern lanc of avers may be computed at eight mules, or say 43,040 feet, which at 100, per foot watait be 430,4004, i the double of thas sum will donhitess effect the object of a perfect drinage without issue into the Thamesaccept as above statempted to be donerobed.

## INTERMENTS IN TOWNS.

IT appears that Mr. Chadwick, the secretary of the Poor Law Commissioners, has, at the request of Sir James Graham, been inquiring into the subject of interments in towns, and into the subject of indements in towns, and the report youn lie matter has this weak been published. From this was conclude that the Movernment contemplates some legislative measure with a view in mitigate those evide which unquestionably gains, and remove the danger which results from the deed and the bidder bidder work do months within a form usinger watch results report the deed and the lising being crowded together within a few yords of asch other, as it must towns of conse-quence is found to be the practice. There is no doubt, as Mr. Chadwick states, that emanations from human remains are likely to produce tions from human remains are likely to produce final diseases, and deprise the general basilt of those exposed to them. This has been shewn repeatedly by high medical authority. Instances of proof have been again and again pointed out; and it is impossible to tell to shat printed out; and it is improvenite to tell to whist extent disease and death bave been apread abroad from the system of burial in the edifice in which bundreds wedaly, perhaps daily, as-semble—from the practice of using in tombs in which openings are left, wooden coffins only. ... which uppendigs are ign, wooled coffice only, which uncertainty is a five years decay, and the air is imprograted with unhealthy effavis -and from the constant up-turning of the soil, which, is a papulous paries and a church-yard of, Hualted extent, is little mnre then one pusses of human remains a Baildthen one mass of human remains. Besides, not only is the health of the prople into not only is the health of the people in-jured, but their feelings are nften shocked, as we have lately heard in scoral disgusting instances in the wetropolis, by the unavoidable disturbance of the sauctuary of the dead, long ere they have lost the marks and traces of long ere they have lost be marks and traces of bomonity by erambling again to their native dust. On these grounds, and looking to the importance and intricatly of the subject, the interest that may be brought into comflict, and the difficultier which have generally nut private comparise in the submyt to reacedy the evils, we agree with Mr. Chadwick, that "the practice of interments in towns in burial-places annias the habitution of the living, and the practice of interment in charges couch the practice of interment in churches, ourbt for the future, and without any esception of places or acceptation of persons, to be entirely prohibited ;" and that instead of the work being left to private amoriations, national cemeteries of a suitable description " ought to be provided and maintained."

The mode in which it is proposed to effect this object is by provining for the espaces of establishing maintaid centricities by maans of loans to be spread voirs a period of years; the borial frees and existing douties being collected and formed into a general fund, from which there loans should be frapial, and the compensation drawn which may be assaded to interest disturbed by the next arrangement. This seems practicable and fair, and thus far we are disposed to acquierse in the plan.

But then come suggestions, some of which we are sure are repignant to the general feeling of the enamually, and others are unnecessary and unjust. Hiere is one-

"That for the svoldance of the pain and moral and physical cell arising from the prolonged retention of the hody in the rooms necupled by the living, and at the same time to carry outsuch arracgements as may remove the paloful apprehensions of permature interments, insuitations of homese for the immediate receptions, and respectful and appropriate ease of the dead, und/s sporior and respondble officers, abuild be provided in every tom for the use of lith cellshees of the communit."

If it be meant by this that on the death of a person the body shell be loid hold of by a

THE BUILDER.

presentment officer, and snarhord away from the antroving survivors to be deposited in a dead-house, under the cure of parties whom ould aeriously propose such a violation of the settled habits and natural feelings of the settled habits and natural feelings of the people. An awful anactify antrounds every thing connected with the dead; and those who have inst asome cherishet object—a ckild, a sife, a hashead, or a father—know with what relanatoly tenderoses they have by deg visited and watched the loved remains till they were exclusionly yielded to the grave. This may he a weak feeling, but it is interwoven with the fances sensibilities of our outer, and wa are quite aure that Sir James Graham will not attempt to visite it, by suking Parliament to enforce a regulation upon the whole conunanty, which would only be justifiable, if justifiable at all, is extreme cases of cholers and fever.

Not content with interfering with the feelings of the people, Mr. Chadaick proposes to cut up root and branch the trade of the undartakers. He pest suggests-

"That for the abstemant of oppressing charges for funereal materials, descrations, and services, provision absold be made (in conformity with successful examples abroad), by the officers being charge of the national comteries, for the upply of the requisite materials and services, securing to all classes, but especially to the poor, the means of respectable interment, at reduced and moderate prices, sultable to the statom of the deceased and condition of the astrivers."

It is relevanted that in England nearly five millions is paid annually for funerals. All this Mr. Chadwick proposes to take out of the regular currents of trade, and give to bis officers of the semictrics, thus seriously and unjustly injuring a large and most respectable class of trademone, amongst whom the natural course of competition prevents that "extortion" which is alleged as the ground of interference.

We regret that these and other objectionable propositions should be linked to the report, be cause they will excite a ferling against an alteration which is much needed, and if well and discretely made, would be videly teenfecial. It was a matter which required to be trated with great caution and delicecy; and to connect with it matter, which would be regarded as an utrage on the living and an imperiment interference with trade, was most unnecessary and impolitie.

## SCIENCE IN LANCASHIRE.

The northern countles of England have been much noted for mee of mathematical shifty and general actentific information: even among the humbler classes of society the science of mathematics, and in particular that of pure geometry, seems to have been coltivated with the greatest success. The following extract which appears in the Manchester Courier of the 5th December from a letter on this subject by Sicorge Harvey, Esq., F.R.S., to the British Association on 1th farst meeting at York, will be read with interest.

"It was my intention," says Mr. Harvey, "had I here easiled to cojoy the privilege a strending at Vork, to have drawn the attention of the innerling to the very remarkable encoded starce of the geometrical analysis of the ancients buylog been cultivated with eminant success in the contlers committe of England, and particularly in Lancabire. The proof of this may be gathered from a variety of periodical antika devoted illumit exclusively to this lotty and abstrate pursuit. I have now hefore me several behaviored in the form of the may conditions of the Greeks, produced by me in what, for distinction sake, we call the inferior conditions of the Greeks, produced by me is and desvering frau strentie condideable one and desvering frau strentie condiconditions of the increasing taste for analytical layers in the *Edinburgh Review*, engressed a first that the increasing taste for analytical toles, that the time he made this despud-

ing remark, the professor seemed not to be ing remark, the professor seemen hold to be aware, that there existed a devoted band of men in the morth, resolutely bound to the pure and ancient forms of geometry, who, in the midst of the tumults of steam engives, cultivated it with unvielding ardonr, preserved the sacred fire under circumstances a high seem, from their nature, must calculated to extinguish it. In many modern publications, and accasionally in the senate house, problems proposed to the candidates for homours at Camridge, questions are to be met with derived from th is humble but honourable source. The true cause of this eemarkuble phenomenon I have not been able elearly to trace. A taste for pure geometry, something like that for entomulogy smong the neavers of apitalfields, may have been transmitted from father to son ; at abo was the distinguished individual first to create it, in the peculiar race of men here adverted to, scems not to be knows. Surrounded by marhinery, with the rich elements of mechanics in their numt attractive furme, we should have imagined that a taste for mechanical combinations would have exclusively pre-veiled; and that inquiries locked up in the deep and to them unapproachable recesses of acep and to then unopproximate receives of Plato, Pappos, Appoloons, and Euclid, woold have met with but fan cultivators. On the contrary, Porisms and Lori, sections of ratio and of apace, inclinations and tangentice, subjects confined among the ancients to the very greatest minds,-were have familiar to men whose condition in life was, to say the least, most unpropillous for the successful prosecution of such elevated and profound pursuite.

In consequence of the powerty of sveralindividuals of this humble class, residing in the neighbourhood of Manchester, whe base distinguished themastrees by their devotion to science, a meeting of persons favorable to the formation of a society for the relief and encouragement of sciencific men in humble life, was lately heid in that town under the presidency of the mayor, and was attended by many intuccial genitemen. Resolutions for the formation and support of ruch a society were adopted, and the proceedings, which were reported in the Manchester Courier, of the 5th Dec., are of considerable interest.

Among other comarkable cases mentioned at the meeting are those of James Constituer, of Salford, formelf are botcold, and John Butterstorth, of treggetto and Rayne, also for bottometh, or reggetto and some Rayne, also for bottometh, or reggettomethy and some fall cultivation of several beauties of the mathematice, and especially that or pure geomethematice, and especially that or pure geomemuch distressed by puverty and atchases. More interessing details were given in the control of progress. It appears that Butrecouter, the other proceed the set of the mathemaregular contributor to everal of the mathemaical publications of the day. Il fundred of his solutions have been inserted in the Ladies and Geneticnes's Darrer, in the Mathematical Companion, and in Leytouru's Repository, in which may be fougd the names of many of the must entiment mathemativians of the present at the distribution of the the interview a term may be disposed to render assistance to these humble collustators of secrec.

TENENLLYG THE TNNK.—An ingenious plan has here suggested of crossing the Type hypomoge through a tunnet more the treer, or the principle of the centrifuge railway. The carriers would descend by their own grivity into the tunnel from our one, and there up on the other by the momentum acquired in the descent. It is proposed to construct the bed of the river, so as nut to form an obtacle to the marightenic tuburg, and by it just without the marightenic tuburg and by it just without the marightenic tuburg and by it just without the marightenic the uncell for an obtacle to such a borr, so to obtach the constructed of such a borr, so to obtach the construction of such a borr, so to obtach the passage. Hashway carriages and relicies of all kinds is well a passequers, would thus be advergator rander transferred from one sude to the obter. It is considered, that with the present low price of non, there tunnels might be cheaply constructed, all starting from the station of the Branding Janetter, the other is that of the Gardin-gard to traind prime to that of the Gardin-gard towersail Shanid Balaway—...Neveraith lowersail

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