Carlos pirituous aspberty it of her nice and d his fa-were al-t to save nd Harry the cra-

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aced os appest at though 's name, g a rapid at head ring, he e mother and the William othe b eat cosi de, and e. The but s ung over ords. came a other, a y of fors bout set tion of language, and the condition of the un-rectors nations of the earth. The second question, Where do the dwell f calls into re-quisition many sciences—physical geography is the sufface, geology for the crust of the earth; chemistry dealing with the elements, electricity for the subler agencies of the at-mosphere. For physical geography every re-grou, almost every islet, in the globe, has been had suder contribution, its facts collected, elassified, and compared by such men as Hum-boldt. Berghaus, and such a woman as no coun-ing suder contribution, its facts collected, elassified, and compared by such men as Hum-boldt. Berghaus, and such a woman as no coun-ing suder contribution, its facts collected, elassified and compared by such men as Hum-boldt. Berghaus, and such a woman as no coun-ing such and such a woman as no coun-ry out Eugland could produce, Mary Somer-wille. Geology, as a science, belongs almost exclusively to this age, and perhaps in so de-proved more successful, so that now we can look back through many cycles of ages, and, waised by men like Cavier, Agassis, Buckland and Lyell, we can form an idea of what this plane: was ere man was formed. Discoverices in this science are so rapid, such skill has been attained by men like those first named, that it wery difficult to keep up with them as they devence, or to rememoer the instruction add wonders and combinations which science attained book. Not less successful, but much more elegant and minute, are the chem-tical wonders and combinations which science as discovering; while the laws of light, may netism, and increasing our acquaintance with the subtle and intangible fluids that float around, the wide moders of Astronomy, with various handmaiden science, englies; and within the static few years how much has been accomplish-tist few years how much has been accomplish-test few years how much has been

11. An age in which this scientific research is made to subserve the purposes of art, and to minister to the comforts and conveniences

to minister to the comforts and conveniences of life. A valgar spirit has often sneered at the solitary student poring over dead languages, experimenting upon herbs or earths, rambling over cocks, or, in the laboratory or workshop, pursuing some curious investigations of me-chanism or chemical science. To such a spir-it what an idle man was Galvani playing with a dead frog 1 What a great baby Franklin, with his kite, catching and bottling up the lightning ! Watt, with his tea kettle, watching the steam as it made the lid to rattle and pour-ed forth from the spout! In the eyes of val-gar and mere money-getting men, how much better if these experimentalisis had been use-fully employed, Galvani with his patients, Franklin with his printing press, Watt in his workshop! But who can tell the practical re-sults-results such as the money-maker loves-

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THE GLEANER.

and many kindred topics. Physiology, ethno-log, philology, oditical economy, all contri-bute their quota; and all these branches of science have their devoted students, men who regard as interesting every thing which relates to man, and who, aware that he is a mystery, that many fields of investigation have as yet issarcely been todden, are bent upon increas-ing our acquaintance with ourselves. Newr was so much attempted before (would that the attempts were in all cases wise !) to investigate moral philosophy; never was so mach known respecting the various tribes of man, the rela-tion of language, and the condition of the ne-merous nations of the earth. The second question, Where do tos dwell ? calls into re-quisition many sciences—physical geography

Lov'st thou in sadness and despair ? Deem not thy lot extreme or rare, Nor hope to be exempt from care.

Hast thou the sense of constant pain, From fallen hopes, of reared in vais ? Take courage, friend, and build again.

Is all thy pleasant youth departing, And after years of strife and smarting, Thou srt just where thou wast at starting ?

Think thou hast gained some wholesome lore, Something then didat not know before,

Which may be used in quest of more. If now thou cans: not see the light, Take comfort in the gloom of night, And wrench from Barkness some delight.

Thou knowest not the face of joy ? Bethink thee, he was ever zoy, To show himself to girl or boy.

And wouldst thou dream that he will be Content to take pastime with thee, And deck thy manhood gracefally ?

Consider all the weary days, Wasted in fruitless, vain delays, To welcome pleasure to thy gaze-

Who never came, who has not come; Whom, should'st thou linger for till doom, Thou must at last walk lopely home.

Consider too, the aching head, Nightly laid down upon thy bed, And then by sleep scarce visited.

What hast thou gained by such distress, By all thy chase of happiness? A life of pain without success.

Expect not, then, that thou will see Thy life from care or sorrow free, But be content to let it be.

Work out thy fate with manly pride, Bear well whate'er may thee betide, And patiently the end abide.

From Hogg's Instructor. THE LIFE-BOAT CAPTAIN.

THE LIFE-BOAT CAPTAIN. Human nature neves rises so much above iself as when, in the midst of imminent peril, i casts aside all selfsh considerations, and raperishing fellow creature. And it is truly creditable to our species, that on such occasions there is seldom wanting sound hearts and stored arms to 'dare what mas dare' in the attempt. This is true heroism. Is the battle-field, warriors may perform what have been styled 'prodigies of valour;' but there the combatant is under a degree of excitement, prompted and maintained by the clasgour and ing in those cases to which we refer. It is not there of whom we speak; but the pare sympa-thes of a kind and courageous heart. Cour-age it is in the truest sense - courage to grap-pic, as it may be, with the devouring elements of free, or shocd, or storm. It is not mere olind or instance ive burst of heroism, but proceeds the difficulties to be overcome, the means to be used, and a determination to hazard all the difficulties to be overcome, the means to the used, and a determination to hazard all— life itself, in the cause of humanity The inhabitants of the more frequented sea-coasts witness many harrowing scenes of ship-Wreek and aufaring mbest their inheat and

wreck and suffering which their inland neighbours only hear of by report, and can form litle idea of the reality. The east and west coasts of Scotland are particularly exposed the first to the gales of the German Sea, and the latter to the storms which blow from the Atlantic. The writer of this resided for a number of years at a port on the west coast, where casualties were of frequent occurrence. Being one of those river harbours, with a narrow row entrance and a dangerous bar, it was extremely difficult to enter in stormy weather. Sometimes eight or ten vessels may be seen, in a morning after a keavy gale, dashed against the piers or on shore. Comparatively few lives were lost however. Like most other ports of any importance, it had an excellent life-boat, kept on a four-wheeled carriage in a wooden house crected for the purpose, near what was called the slip, where, when requi-red, she could be instantaneously launched. When a vessel happened to be in danger in the bay, or to get stranded in taking the bar, the great bulk of the population turned out in the utroat assign for the fate of those on the utmost anxiety for the fate of those on board, all willing to lend a helping hand as far as in their power. The launching of the life-boat was an affair of deep interest. In the

gloom might be seen the unfortunate vessel, her flag of distress almost torn to ribbone by the gale, blowing with fearful violence from the south-west, as she dragged and strained her only remaining bower anchor, or was dash-ed against the rocks to the leeward of the har-hour. And who spide the and the spannet the rocks to the leeward of the har-bour. And who, amidst that wild commotion of waters, lashing over all the usual bounda-rie of dykes and piers, like huge monntains rolling inwards to the feet of the spectators, who so bold as to peril their lives in an attempt to save the unfortunate? Amidst the erowd, which gave way on all hands for the 'captain of the life-boat,' might be seen a red-faced, broad-set, bandy-legged, oldish man, pushing for ward with all speed towards the boat as she lay uncarringed at the mouth of the slip. 'Now my lads,' he would exclaim, addressing the seamen around him, as, with his hands on the gunwale, he lifted himself into the stern with surprising agility, and grasping the tiller, sat ready for daty. In less time than it requires to tell it, every oar would be maaned by as fine a body of young athletic seamen as eye could wish to look upoa, all volunteers of the instant, stripped of their jackets ready to obey their worthy captain. Next moment, laweched by the willing crowd, smidst the intensely ex-cited cheers of the multitude, old Tom and his gallant crew might be seen dash-ing through the wavee, sometimes above, sometimes below, while another prolonged cheer, mingling with the bellowing storm, would at length snounce their having emer-ged from the breakers and the spray on the bar. 'Now they gain upon the wreck ; now they and has is safe. Now, under the lee-bow of the ship they are more sizedy. A rope is against the ship. No; thanks to the strong bid and the sheathing of cork of the life-boat, she is safe. Now, under the lee-bow of the ship they are more sizedy. A rope is against the ship. No; thanks to the strong bid and the sheathing of cork of the life-boat, she is safe. Now, under the lee-bow of the ship they are more sizedy. A rope is against the ship. No; thanks to the strong bind had the sheathing of cork of the life-boat, she is safe. Now, under the lee-bow of the ship they are more sizedy the boat; and there now she is filled with passengers, the trew,

crew. Often have we ejaculated to ourselves on witnessing such scenes, surely the 'wooden walls' never can want defenders where so much of true gallantry exists. When the ser-vices of the life boat were required at any con-siderable distance along the coast, horses were vices of the life boat were required at any con-siderable distance along the cossi, horses were yoked to the carriage on which it usually rest-ed, and then might be seen the captain and his volunteers, scated and ready to be launched, driven along the beach with all the speed that whip and spur could effect. Old Tom had no grathity for his services. He was 'c aptain of the life boat,' as he frequently was designated, by universal acclamation, or a species of pres-criptive right, which no one presumed to dis-pute with so worthy and disinterested a com-mander. A gift of driak-money sometimes to the crew, from the fands of the port, or from the parties benefited, was all the emolument arising from the service. Old Tom, it mest be admitted, was, like most retired sea-cap-tains, fond of his grog; and on such occasions, he sat not less proudly at the head of the large oblong table in the back parloar of Lacky Mac's, surrounded by his jolly crew, than he did in the boat itself with the tiller in his haad. He was gatrulous, and the young sea-men were delighted to listen to his stories—all of the sea as they were— probably of some of the more memorable of the many cases of shipwrerk in which he had been nobly enga-ged. Old Tom, however, though he took his grog at all times with a due degree of regulari-ty, was no drunkard in the common accepta-tion of the term. He was not a solitary tip-pler; and "grog time of day"—high twelve.—

article I guess yon want, Squire by the look o'yer beard And here's some rale gen-noo-wine paste blacking-make them old cow-hide boots o' yourn shnse like a dollar.' 'Thank you,' said Nickem, 'I don't use blackin', grease is better, we allow, out this way. Bat what's that suff in the bottles thar -is it good to take ? continued he, pointing to a lot of labelled bottles. 'Well I grease Sanire it is a soft o'road it.

a lot of labelled bottles.
Well, I guess, Squire, it is a sort o'good; its balm o'Columby ; good for the har, and eures the belly ache; all nation fine stuff for assessive por human natur, as the poet says, in the affaira of life. And such staff for expandin? the the ideas, and causing 'em to flow spontasocitorsly ! Knew a feller once who took a bottle on a 4th of July, and sensors ! didn't he make a faming speech ! Daniel Webster and Henry Clay got ashamed of themselves, and weat clear hum ! Fact, by gosh !
What d'ye ask for it ? inquired Nickem.
A dollar a bottle's the price, Squire, bat see'n its ycu, guess Pillet you hev it for severity five cents. Cheap as dirt, arct it ?
Well, I reckon Pill take a bottle ; thar's the change,' said Nickem.

Well, I reckon I'll take a bottle; that a the change, said Nickem.
 And that's the balm o'Columby, Haint nothin' else in my line today Squire 1'said the composed and vivacious Yankee.
 B'lieve not, oh ! yes, now I think of it, stranger, have you got a license for pedding in this State 2' said Nickem, coming to busines.

Guess I hev, Squire, may be yeou'd like to

'Juess I hey, Squire, may be yeou'd like to see it?, 'Well, stranger, seein' as I'm the high she-riff of this county, I recon I shall trouble you to show your license ?' 'Ob, sartin. sartin, squire, yeou can see it ; there it is, all faced up in black and white, nice as wax, s'nt it ?'

' It is all right, perfectly right,' said Nickem.

⁶ It is all right, perfectly right, said Nickern, folding up the document and handing it back to the pedler, and added, ⁶ I don't know, now that I've bought this stuff, that I keer anv-thing about it. I rackon I may as well sell it to you again ; wha'll you give for it ? ⁶ Oh ! wall I don't know that the darn'd stuff's any use to me, but seein? its yeon, she-riff, guess I'll give yeon 'ocout thirty seven and a half cents for it, quietly responded the trader The high sheriff handed over the bai-tle, and received the change, when the pedler observed—

tie, and received the charge, observed— 'I say yeou, garess I've a question to ask just now, hev yeou got a pedler's license 'bout yeour trowsers ?' 'No; I have no use for the article,' said Nickern

Nickem. ' Haint, ch ? Well I guess we'll see 'beout that, purty darn'd soon. Et l understand the law. now it's a clear case, that yos've been a tradin' with me, hawkin' and pedin' Belm o' Columby on the highway, and I shall inform on yeou, I'll be daraed of I don't !' Resolution the sume the Yahar successful don't !'

Reaching the town, the Yankee was as good as his word, and the high sheriff was nicked and fined for p-dling without a license! The Sheriff was heard to say, you might as well try to hold a greased eel, as a live Yankee.

WANTS OF THE WORKING CLASSES.

CLASSES. Two things are required on the part of the working classes to adjust themeelves to the state of society, as one altering or improving, it is skill or productive labor fails, from improvement of fluctuation, they may resort to another ; and economy, that they may preserve to another ; and economy, that they may resort to another ; and economy, that they may resort to another ; and economy, that they may resort to another ; and economy, that they may resort to another ; and economy, that they may resort to another ; and economy, that they may resort to another ; and economy is the strike of the sector to another ; and economy is the strike of the sector to another ; and economy is the strike inset of the another ; and economy is the strike is a sector to another ; and economy is the strike will appear of the sector is a strike is been some training of think, and the judgment fixed for correct to think, and the difference will be manifest, is it is now in cases occasionally with sector to intelligent will not be the dippes of demo-tor in a strike is and the thirty will dis-cover a higher tone of feeling that their im-provident neighbors. provident neighbors.

GRACE BEFORE MEAT.

A young man, somewhere down East, fell in love with the daughter of s staid old deacon, who used frequently to invite him to dianer. The deacon one day called upon him to ask the costomary blessing, and not wishing to have it understood that there was my one thing he could not do, he made the offer. Hastily re-collecting all he could of the usual form, he began and made an excellent start of it, but for his li e, could not tell how to class it off. It was easier to go on than stop. Finally, making a desperate dash after a period, he closed off thus- 'In conclusion, my dear sir. I remain very truly and respectfully your obedient servant !" He has not dined with that deacon since .

Franklia with his printing press, Watt in his workshop! But who can tell the practical re-sults-results such as the money-maker loves-to which the discoveries of these men have led 1 To the successful experiments of Watt we must trace the origin of the steam-engine, that mighty slave of man, lending its Titanic power to manufactures and locomotion-power so tremendous that to it the work of a hundred horses is but play; so docide and easily guided that by it the most delicate operations of the spinning-wheel and the hoom can be conducted uader the superintendence of a child; so in-domitable that it can plough the waves of the Atlantic in a wintry gale; so swift that on land distance is all but annihilated, and we perform with ease, in a few hours, journeys which our fathers would have required days, if not weeks, to accomplish. Traly steam may be regarded as one of the chief agents of social progress and modern civilisation. The purposes to which the electric field can be applied by means of the galvanic battery are still but par-tially known. To refer but to one, the most remarkable application of sciesce in the pre-sent day, by which that fluid is made man's messenger-the electric telegraph, by which man's words can outstrip the winds, can speed with the rapidity of lightning, and can cause the arrest of the criminal fleeing from the sciene of his erime thos emperiments the end of remithe arrest of the criminal fleeing from the scene of his crime, thus subserving the ends of retri-butive justice, and showing how all things can be made to array themselves against the doer. A few years since geology was regard-ed but as the amusement of the curious, or as the tool of deistical sophists; now its applicantions to art are numerous and important. The engineer, the coal-viewer, the iron-master, are all under obligation to it, and without some practical knowledge of its laws will of. ten err. By it the localities for the sinking of Artesian wells-these supplying districts in which there are no surface springs, and bring ing up from great depths water, tepid, or al-most boiling, by subterraneous heat—are indi. century fer thus the divining-rod of the last fer the discovery of minerals and of water is needed no more. Chemical discovery, in the hauds of men like Liebig and Johnston, is applied to agriculture, reducing to certain fixed laws the rotation of crops, the species of manure, and the invigoration of exhausted soils; while, in the hands of others, chemistry is made to minister to medicine and surgical skill, and substances for which no use could be found by their discoverers are applied either

tion of the term. He was not a solitary tip pler; and ' grog time of day'-high twelve lways brought him into contact with some old messmates, killers of time, like himself, whose taskes were vasily similar, and who, indeed, had many things in common Trey were jolly tars enough, had 'sailed the world round.' and were now enjoying the fraits of early activity in a green old age.

PEDDLING WITHOUT A LICENSE.

There was in Illinois a sheriff, named Nickem, who was particularly expert in terreting out and punishing pedlars who travelled without a license. One day he saw a pediar com-ing up the road, and, as usual, he accosted him in hopes of finding a culprit, whom he might fine. . Fine morning,' said Nickem, reining up his

ris pooty fac, I guess, tur your wooden

country,' said the pedlar. • What have you got to sell, any thing ?' said] the sheriff.

Gaess I huy, a few actions, one sort or her. What'd yeou like to hev? Got some wher. What'd yeou like to her ? Got some rale slick razeurs, and some prime strops; an

A vonng lady addressed by a judge and a sheriff was asked which she liked best. • Al-though,' said she, • I like judgment well, I like execution better.'

Shall we take a 'buse np Broadway,' said a young New Yorker, who was showing his country cousin the wonders of the city.
Oh dear, no,' said the frightened girl; 'I would not do that in the street.'

ORIGIN OF BILLS OF EXCHANGE.-From the laborious researches of Mossis, Blangni and Nonguier, it would appear that the exact date of this Lunch is neared must respond date of this Jewish investion must reascend as far as their expulsion from France, by Phi-lippe Augustus, in 1181. Montesquinieu says