BIBLE LESSONS.

Sunday, June 16th, 1867.

Acrs xvi. 22-40: Paul and Silas imprisoned. Kings xviii. 1-16: Hezekiah destroyeth idolatry. Recite-Ecclesiastes viii. 12-13.

> -Sunday, June 23rd, 1867.

Acrs xvii. 1-15: Paul preaches at Thessalonica 2 Kings zviii. 17-37: Rab-Shakeh revileth Heze-

Recite-John xv. 1-5.

Self-Reliance.

A STORY FOR BOYS.

In one of our Western cities, lives a little boy by the name of Harry Lutrel. His father and mother were poor but honest people. They used to say, if they couldn't give Harry much else, they would give him a good education.

He used to go to school regularly, and used all his opportunities. When he was about eight years old the rebellion broke out, and as Harry's father was a "staunch Union man," he volunteered his services. Before leaving, he told Harry to keep at school, and learn all be could, to be kind to his mother, and true to his country and his God.

After his father had gone, things went on the same as usual for a while, then news came that his father was killed in some great battle, Antietam I think it was; and his mother did not have been well, but she did nothing of the sort.

survive long after that.

Now little Harry was left quite alone, as he did not know that he had a relation in the world. The neighbors took charge of what little property Mrs. Lufrel left; it was sold at auction, and one of the neighbors boarded Harry till the proceeds were gone. After that they told him he must lock out for himself, that he could run errands, pile wood, and do a great many such things by which he could earn his do everything on her part to make things comliving.

to the conclusion that "it didn't pay." His bim, in the Saviour's name, for your husband clothes had become quite ragged, and he was often hungry. One day he sat by the wayside, upon a log, thinking of his hard lot, and what of you." be had better do. All at once he jumped up, and said, " I'll do it! at any rate I will try." So he walked direct to the store of an eminent merchant whom he had often heard his tather speak of as being very kind and benevolent.

As he went into the store, he asked one of the clerks if Mr. B. was in? "Yes, in the counting room," pointing towards the door, Harry went in, and stood with his hat in his hand; in a moment Mr. B. saw him, and said, "Well, my boy, what did you wish for?" Then Harry said. "Please Mr. B. will you loan me nity cents, and I will give you my note at ten per cent interest." Mr. B. looked at Harry in astonishment, but seeing he was quite an intelligent looking boy, he said, " Well, my lad, what do you intend to do with it?" and Harry answered, "Invest it in trade, sir, and try to earn my living."

Mr. B. handed him fifty cents, and told him he would make him a present of it, but Harry said "No sir; I would rather give my note." "Vory well, said Mr. B., "then we will do it in regular business style." When Harry left the store he invested the fifty cents in oranges and newspapers; before night he had doubled

his money. Thus he went on day after day, till at the end of a month he presented himself to Mr. B. saying, "I have come, sir, to pay my note. Mr. B. had almost forgotten the circumstance, but it soon came to his mind, and he said, " Very well, my boy; how have you made out in trade?" Harry told him he made forty dollars that month; then Mr. B. said, "You have done nobly, my little fellow; if ever I can do anything to help you, I should be most happy to." Harry thanked him, and said if he ever needed help, he would call upon him, but he guessed he could take care of himself.

My dear little readers, I trust none of you will ever be as badly off as poor little Harry was; but don't you think there are many things you could do now to show the same self-reliant spirit that Harry displayed? Think about it, and then do all you can to make yourselves useful members of society.-Christian Register.

Peggy and her Put-backs.

Though you know the meaning of Peggy, you do not know the meaning of put-backs. Well. we will tell you.

Our best advice does little good Unless our words are understood,

best, but she did not. If Peggy had chosen her have quoted bore on the title-page the following not from the worst; if she had followed the membrance of many, many happy hours-gone good advice of her teacher; if she had thought never to return again. From V. R." Her in her future life, and if she had made up her the Prince Consort, which General Grey is premind to be a reader of God's holy word, and a paring for private distribution.-London Cordoer of his boly will, every day she would have respondent of Springfield (Massachusetts,) Rebecome wiser and better; but she did none of publican. these things, and thus it was that if and but prevented Peggy Price from being a good scholar.

Peggy went to a place of service, and her mother and her mistress both hoped that she would get on nicely; and so she might if she bad only done what they wished her to do, but she would not. Peggy was willful-would have her own way-and willful people are sure to be of his glory, Eph. iii. 16. wrong. If she had been patient, humble, and anxious to do her duty; if she had won the good opinion of her mistress; if she had been tidy instead of being slatteraly, careful instead of being careless, and diligent instead of being idle, she would have been much happier than she was, and increased the comforts of those around her; but she was none of these. Of all the girls her mistress had ever had, Peggy gave her the most trouble. The least trifle prevented her from doing her duty; and so if and but put back Peggy Price from being a good servant.

Peggy at last got married, and no doubt her busband expected to live very happily with her : but in this he reckoned wrong, for she thought little of him, and much of herself. If Peggy had said to herself, "My husband works hard, and brings home his wages, and it is my duty to add to his comfort in every way-by making him a tidy, cheerful, happy home," all might No wonder, then, her husband should find his way to the pothouse. If Peggy, even then, had changed her conduct, she might have won back her husband to his old, loving ways; but she did not, and thus if and but prevented Peggy Price from being a good wife.

Peggy, when she had lost the love of her husband, became very unhappy, as might have been expected, and was willing, as she said, to tortable. "Fear God and keep his command-Poor Harry tried it for a while, but he came ments," said a neighbor to her, " and pray to and yourself; and read his boly word, and do his holy will, and then there will be some hope

> And Peggy would have followed her neighbor's advice if she had not been prevented. If all her neighbors had been pious people, and if they had all encouraged her, and not laughed at her, most likely she would have taken to good ways; but her neighbors were not all pions, and they did not encourage her, and Price from taking to pious ways.

and my house, we will serve the Lord." Joshua amount of heat developed.

This is the spirit that should be in our hearts;

And practice piety in all Its loveliness and beauty-Let " Its " and " Buts " say what they will, And mind you do your duty. - Child's Companion.

Queen Victoria as an Author.

bes written a work entitled Leaves from a Jour- and still more ingeniously to granulate syrups in some fruit the first year after being planted, and nal in the Highlands, which consists of about the manufacture of sugars. The measure of a full crop the second year. forty papers, descriptive of her life at Balmoral the centritugal force is in proportion to the and the neighbourhood. The work is illustrat- velocity of rotation, but even a slow revolution ABSORBING THE STING OF BEES .- A writer ed by photographs and woodcuts from Her Ma. of surfaces develops a measurable degree of in a recent number of the Scottish Gardener jesty's sketches. It contains, among other in this power. A very swift rotating motion tends says: "To tame vicious bees, we have only to self to different parts of Scotland, and the ad- the body subjected to it. ventures they met with. In one of the papers she gives an account of the preaching of Dr. Nor-Peggy Price had two enemies, who were all how astonished she was that any one could companies based upon the principle of uniting hands of the bogle. I have been told that ways bindering her in what she had to do; so, preach "so eloquently and touchingly without the interests of the capitalists with the interests vicious, kicking horses have been completely because they were always putting her back in notes," she adds, " and then he prayed so kind- of the workers, and there are at least 8,000 to cured by hanging bags of hay behind them in her duty, we called them put backs, and that is ly for me and the Prince in the after prayer no bad name for them. Having thus made our that I was deeply touched; but when he invoked These numbers are daily increasing. We may bags till their strength was exhausted, when meaning plain, we will at once proceed to tell you about Peggy and her put-backs.

But, perhaps, before we begin, you would like to know who Peggy's put-backs were? We will tell you this also. They were not two work are using the movement with the perhaps and to the children. I think there is sometiments are using increasing. We may be in their strength was exhausted, when add to this constituency a large number of commercial men, friends of social progress, investors, and others, who, though not actual participators in the work, are watching the movement with great interest.—Industrial Partnerships Record, bandkerchief, and sting it till their vice leaves. people pushing her back when she wanted to go thing touching in this simple note of the Queen anywhere, nor two great dogs frightening her wife and mother which shows how true a woon her way; but two little words that went with her wherever she went, and prevented her from doing what she ought to have done. These two but sooner or later it will, of course, be re-Peggy Price went to a Sunday school, and to confemporary literature. What would the White pine wood is now stained of exquisite. A diseased system may be corrected, and its

friends from the best scholars in the school, and inscription :- " To dear Jeannie G-, in reof the great use that learning would be to her Majesty has also written the preface to a life of

GOLDEN WORDS FOR DAILY USE.

Selected from C. H. Spurgeon's "Morning by Morning."

JUNE 16. Sunday. According to the riches

No tongue can tell how great that glory will be which the Saviour will give thee, O believer. Surely, then, every day's experience should bring thee to long for his appearing more.

17. Monday, And He shall sit as a refine and purifier of silver, Mal. iii. 3.

'How admirably this process of refining silver illustrates the gracious process by which our heavenly Father carries on the work of purification in the hearts of his children.

18. Tuesday. With the heart man believeth unto righteousness, Rom. x. 10.

The sinner who is drawn to Christ is not he who has learned that he is so by head knowledge, but that feels himself such by heart-felt contrition.

of God, whereby ye are sealed unto the day of redemption, Eph. iv. 30. this seal they trust their eternal welfare, not to

19. Wednesday. Grieve not the Holy Spirit

naked knowledge or speculative notions. 20. Thursday. Or ever I was aware, my soul farm work, light built and active horses and made me like the chariots of Amminadib, Sol. oxen are the most profitable. They do a great-

Song vi. 12. These are happy moments when we are permitted therefore at less expense to the farmer, than very to behold the King in his beauty, when He discovers large animals.

his matchless love, and gives us a taste of joys above. 21. Friday. Looking unto Jesus, Heb. xii. 2. We are constantly guilty of looking too much into ourselves, and too little to the Saviour. We

22. Sunday. I will meditate in thy precepts, Psa. cxix. 15.

pore upon the disease till we forget the Physician.

Our souls are not nourished merely by awhile to this and then to the other part of divine truth, but we must muse upon the things of God. It is thus we get from them real nutriment.

Scientific.

says the heat of the sun is due to the percussion in draught with or without a wheel is imperthey did laugh at her, and so she remained the of meteorites, asteroids, &c., on its surface, ceptible. same careless, unhappy wife she was before. In drawn thither by the attraction of gravitation. The chief resistance is due to the cutting surthem that he would serve the Lord if they if you can, the force of that puny arm with the Ploughman. would, but that he would serve him whether force of a body millions of tons in weight, rushthey would or not. His words were : " Choose ing into the sun at a velocity of eighty-five you this day whom ye will serve; but as for me miles a second, and you may realize the immense

UTILIZATION OF CENTRIFUGAL FORCE. wheel the clothes are thrown with such force the greatest number of birds." against the outer side of the annular space as to expel all their moisture almost instantly. By another contrivance of centrifugal action steel object to planting orchards or gardens because pens are dried when they come from the tem- the prime of his life is past, and he thinks he pering baths. By still another, the fulminating may not live to eat the fruit of his labor. The powder is projected into the farther extremity rapidity with which currants, gooseberries, of percussion capsules, leaving the open edge raspberries, grape vines and dwarf pears come The fact is not generally known, either here and sides free from it. Again, this force is into bearing, should completely upset these obor in America, that her Majesty Queen Victoria effectively used to separate ores from impurities, jections. The strawberry and blackberry yield teresting matter, three long accounts of incognito to overcome gravity and cohesion, and if not accustom them to the form of human beings. A journeys made by the Prince Consort and her- checked produces more or less disintegration of scarecrow, or what my Scotch friends call a

man McLoed, of Glasgow, and after stating now between 2,000 and 3,000 shareholders in place a loose waving rag or handkerchiet in the

Agriculture, &c.

Draught in Ploughing.

Many suppose that the draught of a plough s, to some extent, dependent on the speed of the team employed. It appears to some that friction, or resistance of the plough, is less when the cattle move rapidly; others, perhaps, think it increased; but the fact is the draught is wholly independent of the rate of movement through the soil. It is important, therefore, that we employ animals that naturally walk quickly.

The actual labour of draught being no greater, the oxen or borses that move naturally at a rapid pace, accomplish nearly double the work with the same effort, that others, whose pace is sluggish and lazy, will do; and so the actual expense to the farmer is no greater; or in other words he saves balf or nearly half the cost of of ploughing by the use of a quickly moving tesm, that is it this rapid pace is the natural movement, and not one induced by over urging.

This is a point which we think is too often over-looked. One yoke of oxen may plough an acre in six hours. Another will do little more than half the amount. If the former is done without distressing the cattle and thus causing a greater wear and tear, it is obvious that it has

cost no more. It is to be borne in mind that a certain amount of physical effort is spent and lost to the farmer by the labour required to move the animal's Christians are sealed by the Holy Ghost, and to own weight. This expenditure varies, of course, with the size and weight of the animal frame. It is plain as day, therefore, that for ordinary

Take an animal to plough a hill-side, for instance, up and down, and see the difference of effort to carry his own weight between a heavy and a light one. The exertion required to plough the up-hill furrow is immensely greater than that down, and yet, strange as it may appear, the draught of the plough does not vary, it at all, but in the slightest degree, in the two

er amount of work with the same effort, and

This difference in effort in ploughing up and down a hill is owing to the labour of carrying the animal's own weight almost entirely, and so the great advantage of light or medium animals over beavy ones becomes very obvious.

When a plough is rightly constructed, the use of a wheel does not add to its draught, or, if in A NEW THEORY OF HEAT .- Prof. Mayer any degree, but very slightly. The difference

this way it was that if and but kept Peggy What is commonly known as "space" is claim- faces of the plough, and hence the importance ed to be an attenuated atmosphere of matter, of keeping them in good order. Only about I have now told you, little reader, all about of seing a slight resistance to planets, &c., in ten per cent, of the draught is due to turning reggy ruce and her put backs, and hope, with their orbits. Centritugal force is lessened, equithe furrow slice by the mould-board in a proout an if or a but, that you will get good from librium destroyed, and the body, slowly at first, perly constructed plough. Probably about fifty my tale. All who would be happy must do but surely approaches this common sepulture or tifty-five per cent., on an average, of the what is right, and they who would do what is The heat developed by a body thus falling into draught of ploughing, is due to the cutting the right, must not be put back either by little the sun is from 4,600 to 9,200 times greater than furrow slice, leaving from thirty to thirty-five would result from the combustion of an equal per cent. due to the mere weight of the imple-When Joshua gathered the tribes of Israel mass of coal. Every mechanic knows that a ment. We ought to aim for the greatest strength together and reminded them of all the great few vigorous blows of a hammer on a piece of in the smallest compass. Keep the sock and things God had done for him, he did not tell iron will heat it almost to redness. Compare, coulter, the cutting surfaces, in order.—Mass

GRASSHOPPERS. - A correspondent of the Kansas Home Journal, writing about grasshoppers, says : " Grasshoppers are very numerous on all roads and in cultivated fields, but on the we thould not say, we will do what we ought to Many simple and yet ingenious applications of the people do not fear them, but are planting do if other people will do it, but we will do it centrifugal force might be enumerated, of which as usual. From many causes they did not increase uplands and unbroken prairie there are but few. whether they will or not. Oh, make up your the following are noteworthy: A drying wheel in numbers, though constantly batching new minds, in earthly things and in heavenly things, is constructed for laundry use upon this princi- swarms. The greatest destroyers of these pests ple. The wheel is hollow to receive the wet are the millions of blackbirds, now a hundred clothes, and perforated at one point so that the times more numerous than ever before, and water will escape. By a rapid rotation of the where the insects are most numerous there is

PLANT TREES.—We sometimes hear a man

potato bogle, placed in front of the hives of stinging bees, is a great help. It can be shifted PARTNERSHIPS OF INDUSTRY .- There are now and then; and to provoke a general attack,

there is little doubt that she would have improved fast in her learning if she had done her or Queen Elizabeth? The copy from which I dyeing it, which is the invention of an American.