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#### For Christ's Sake.

Oh! what shall I give to the Saviour, For what he hath given to me? I'll give him the gift of an earnest life, Of a heart that is loving and free from strife.

As he hath given to me.

And what shall I do for the Saviour. For what he hath done for me I'll pray for the sick and the evil-doer; I'll make my friends among the poor, As he hath done for me.

And what shall I bear for the Saviour, For what he hath borne for me? Remembering I am his constant care, Whatever he sends me I will bear, As he hath borne for me.

And what shall I be for the

Saviour, For what he hath been for me? Long-suffering, kind, unselfish,

pure,
To bear, believe, to hope, endure,
As he hath been for me.

#### MOTHS.

#### BY MARY E. BAMFORD.

It is the general custom with moths to have four wings. There are however, some small creatures, known as "plume-moths," that have the four wings so divided as to seem as if they amounted to ten or more wings. These slices of wings fold together, as a lady folds her fan.
On the leaf of a purpleblossomed lupine on a hill, I once

found the pupa of one of these plume-moths. The pupa was a grayish thing with a few black marks, it was attached to the lurine leaf by only one end of the creature, it being the habit of the plume-moth larva to make n cocoon, but to fasten itself by the tail to the leaf, and then throw

off the larva-skin.

The twenty-eighth of June, a small gray moth came out of my lupine-leaf pupa. That moth was a very queer-looking thing when it sat down. It looked like the letter T, for my moth's wings folded into the cross line and its. folded into the cross line, and its body made the upright portion of that letter. The fissured wings are signs of one of the "lowest moths," as they have been called, but even a lowest moth that knows how to fold its wings in so peculiar a fashion would seem to be more interesting than some moths higher in the scale of Lepidoptera. One evening in July when I was in the yard with a lantern to see what insects were abroad by night, I caught a glimpse of what I thought to be a divided-plume moth; it came and lit an instant on the outside of the lantern.

Such moths may well gratulate themselves that they hare lived to attain wings. it is not every moth-caterpillar in the world that is likewise successful. No one who has not investigated the subject knows how many disappointments moths have

in their infancy. There is a variety of hairy, black and brown caterpillar in this yard that is very unfor-He would turn into a moth, but when a person goes to look at his coccon on the fence, one discovers his

I was looking, in July, at such cater-pillar cocoons, and found one that contained the remnant of a caterpillar. Perhaps that moth had come out suc-

cessfully. I looked at another.
"He's all right," I thought but he
was not, for the next instant I had discovered a small, thin, brown puparium," as the covering of a fiy-pupa is called. It was cylindrical, being rounded at the ends, and now there was a hole in it. The fly had come forth. Alsa, for the poor moth-

caterpillar, inside of which this fly had lived as a maggot,

Sancho Panza, speaking of his devotion to Don Quixote, says, "Above all, I am faithful, so that nothing in the world can part us but the sexton's spade and shovel." According to my experiand shovel." According to my experience it is death, likewise, that parts the fly-larva from the moth-caterpillar, which stands for the "Knight of the Sorrowful Figure." Once when a white fly-larva came from a caterpillar that had died. I furnished the larva with a little earth, and the creature turned into a pupa the same day. Two kinds of flies have come from such pupae of mine. One fly is reddish, and the other small and black,

the picture measures about three feet and a half from tail to head, and when his magnificent wings are spread out to the full they measure over six feet and a half. This bird loves to build his nest in such a position as we see here—on a solitary rock far away from the reach of men and other animals. As the food of the sea-eagle consists as the lood of the sea-eagle consists entirely of fish, the nest in our cut seems to be in a particularly good position; for with very little trouble the big birds can dive in and catch a fish or two for their young ones. Here we see one of them with a fish in his claws, and the two young ones, who have been eagerly watching the operations, are flapping their wings in great delight at



THE NEST OF A SEA-EAGLE.

Often a moth-caterpillar has more than one of these fly-larvae dwelling in him, preying on his vitals. In one nook of the fence, where I think two moth-caterpillars had formed cocoons, In one I found six or eight brown fir-pupariums.

These are sometimes about threeeights of an inch long, and if one, when empty, is held in the sun, the holdermay perceive the little rings that run at intervals around the brown puparium.

## THE NEST OF A SBA-PAGLE.

One of the largest of those birds that are found by the sea and build their nests in the cliffs along the coast, is the sea-eagle. The species represented in

the successful termination of their parent's hunting expedition. The nest seems to be hardly out of the reach of angry waves, but the old birds may be safely trusted to build their little home well out of danger's reach.

"Ninety-eight per cent of genius is hard work," says Thomas A. Edison and he-adds, "As for genius being inspired, inspiration is in most cases another word for perspiration." As the foremost example in the world of one type of genius, Mr. Edison is an authority on the subject, and his aphorism corroborates Johnson's often-quoted definition of genius, " the infinite capacity for taking pains,"

### THE QUAKER AND THE BULLY.

A quiet Quaker, who began the publication of a weekly paper in a western town soon showed his colours by attacking the rum interests. He published the facts about some of the worst saloous and resorts, calling them "ulcers on the body of the community." He was especially marked and pointed in regard to a saloon "on the corner of Third and Pine Streets, whose proprietor is George W—." The day after the issue of the paper a big-flated saloon-keeper came into the editorial sanctum and in dominating tongs delivered bigand in domineering tones delivered himself as follows: "See here, did you write this ?"

The editor glanced carelessly over the

column indicated and answered in a cool voice, "Yea, I did."
"You crab-coated——" (here he gave vent to a lot of profane adjectives).
"Do you know that hurts my business?"

"Yea, and I am glad it does."
"You are glad it does?"
"Yea, friend, that is what I said."

The rum-seller was too surprised by The rum-seller was too surprised by his unexpected manner to reply for a moment; then he swore for awhile; but as that did not seem to have the effect he expected, he said: "Well, I'm just here to warn you that if you print any more against the liquor business in this town we'll make it hot for you. Now, won're hed your warning and you can you've had your warning and you can take it or not."

"And supposing I don't take it?"
"Then look out for yourself, that's

"That is, thee means that personal violence will be used?" Upon this the editor took some totes on a page of

paper that lay before him.
"It means that we will kick you out of the town."

"Kick me out of the town," repeated the editor, writing it down. "Good; and is that all?"

We'll burn your shanty over your head if you ever come back again, and tar and feather you."

"Burn shanty, tar and feather," re-peated the editor, taking notes of the interview. "Go on, friend, anything interview. else."

The bully was somewhat mystified and showed signs of "weakening" The editor paused and waited. There was a moment's silence, then the priest of Bacchus growled, "We'll make it hot for you."

"I think thee said that before," quiet-

ly remarked the editor, and laying down his pen he calmiy began to sharpen a

"We mean it, too," snarled the saloon keeper, beginning to think he had caught a tartar.

"I am glad to hear thee speak so frankly," replied the editor and turn-ing his chair around he looked at the angry man with a pair of blue eyes that showed anything but fear. "But does thee know what I intend to do?" I shall publish every word of this interview thee has been pleased to give me I shall let the good citizens know that thee has threatened me and my property with violence, and if in the future any violence is done, the authorities will know upon whom they have to lay their handa. More than this, I shall tell more of the doings at the place than I have yet told. And more, if thee comes here again to threaten me with what thee and thy comrades in sin propose to do. I will turn thee over to the authorities for trespassing on my property. lars, thee may go, while I write the article."

There was an impressive silence. The cowed buily eyed the editor with rage and hesitancy, but the eye of the Quaker was caim as a mirror. Besides, the bully noted that he was broadshouldered, weighed about 190 pounds, and his hands looked as if he had once followed the plough or wielded the sledge. The bully quietly went out, the editor began to work on the interivow, and naught was heard but the scratching of the editorial pen. The Union

#### Two Visions.

Where close the curving mountains drew. To clasp the stream in their embrace With every outline, curve, and hue, Reflected in its placid face-

The ploughman stopped his team to watch

The train, as swift it thundered by: Some distant glimpse of life to catch, He strains his eager, wistful eye

The morning freshness lies on him. Just wakened from his balmy dreams; The travellers, begrimed and dim.
Think longingly of mountain streams.

Oh for the joyous mountain air The fresh, delightful autumn day Among the hills! The ploughman there Must have perpetual holiday!

And he, as all day long he guides His steady plough, with patient hand. Thinks of the flying train that glides Into some new, enchanted land.

Where, by day day, no plodding round Wearles the frame and dulls the mind: Where life thrills keen to sight and sound.

With ploughs and furrows left behind

Even so, to each the untrod ways Of life are touched by fancy's glow, That ever sheds its brightest rays Upon the path we do not know.

-Century

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# Pleasant Hours:

A PAPER FOR OUR YOUNG FOLK. Rev. W. H. Withrow, D.D., Editor.

TORONTO, JULY 16, 1898.

### A TALK TO BOYS.

A recent address on Sunday evening at Upper Canada College was by the Principal and had for its subject

Ecclesiastes 9 10 "Whatsoever thy hand findeth to do, do it with thy might." You boys can understand perfectly from your games, for instance, what a capital test of men or boys a text like this supplies. What does the captain of the hockey or football team consider when he is selecting the fellows who are to play on the college team? He watches for bove who put out all that is in them-those who take trouble and learn to play skilfully and then when they are in the game do not spare them-selves—in short those who, in the Bible phrase, do " with their might " what they

have taken in hand You will find this same test applied to you all through life. When you get situations in banks or merchants' offices, when you begin to practise professions of your own, as lawyers, doctors, teachers, or whatever it may be, your employers, your clients, will be watching you. They will be saying, "Is this a man who puts his heart into his work—who does with his might what is given him to do?" And in nine cases out of ten do?" And in nine cases out of ten your success or failure in life will depend on the day this question can be answered "Seest thou a man diligent answered in his business," the Bible says in another place." he shall stand before kings.

influence, a leader of his fellow-men, mingling easily and naturally with the highest in the land, which is what is meant in the Proverbs when it is said "he shall stand before kings."

Indeed, you will find the moment you up your minds by thinking of this text:
o out into the active work of life that Whatsoever thy hand findeth to do,
nen at once begin to get divided into do it with thy might." go out into the active work of life that men at once begin to get divided into two great classes—the efficient and the inefficient, the energetic and the indolent

the busy workers in the great hive of human life who store up what is useful for themselves and others, and the How natural it is for the mother to drones, who are thrust aside as useless speak of her sons as "boys," even and whom society scarcely misses when though they are grown up and stalwart they perish. So you see that the facts men in the world. "I wonder why the of daily experience bear out the advice boys don't come," said a silver-haired they perish. So you see that the facts of daily experience bear out the advice given in our text as to the conduct of our lives,

Now there is a very special reason why boys of your age, particularly, her, should have this truth put strongly before them.

#### SCHOOL LIFE

represents a transition period, probably the most critical period through which you will ever have to pass. It is the period when you pass from childhood, when play is the chief business of life, to manhood, when work is its chief busi-

Only a few years ago and your parents were quite happy if you were only playing with all your might-if you raced a ound the fields, played ball till you were tired, got thus a good appetite, slept well by night, and so grew stout and strong and simply enjoyed life. was easy enough then to follow out the injunction of the text, and do with your might what your hands found to do. But not one of you wishes to remain a little child. You want to be men—most or you, I imagine, are in a hurry to be men. That at least is usually the case with boys. But if you are to be men then you must learn to lay aside the childish condition in which play is the main occupation of life. Our business as teachers is to help you over this period of change, to help you to mingle hearty work with hearty play, and so gradually prepare you for the serious work of life.

Now, do not for one instant let yourselves think that when you pass away from the childish stage you are giving up the chance of keen enjoyment. It is largely a question of skill, which also means taking the trouble to acquire skill.

### DO SOMETHING WELL.

You all know what a delight it is for a boy to do something in which he ex-cels; to skate well, to ride a bicycle with safety and speed, to manage a horse, to run rapidly, to take a long jump or a high one. Nature has planted in us this desire to excel. On the whole I doubt if a man has any recollection of unalleyed happiness greater than the memory of what he has felt when a boy in the mere sense of physical activity

and energy.
Now, the delight which you thus feel in physical activity and skill, you may, here at school and as you grow to manhood, feel in things of the mind. student who has mastered his subject, the orator who holds the ear of a great listening audience, the writer who feels that he can command the deep attention of his readers, the keen man of business who knows his facts and how to use them, the engineer who plans great structures all such people have for the most part a keen delight in the exercise of their powers. The moment you learn how to do anything well and easily, then doing that thing becomes a pleasure instead of a pain. So, if you will do "with your might" what you have to do in life, you have an excellent chance of gotting from it much keen pleasure.

There are two other reasons-perhaps one may call them higher reasons—which I think I ought to urge upon you

who has not had something said to him as he left to come back to school, either as he left to come back to school, either the strong, hearty advice of a father, or the loving counsel of a mother, or of others dearest to him—urging him to do his best at his work this term. This ought to mean a great deal to you. Parents do not ask or expect that you chall all he hrilliant or clave—they shall all be brilliant or clever—they simply wish you to do "with your might" the business of schoolboy life Your doing so will make them happier than almost anything else. This ought to be a great inspiration to a hoy

other place." he shall stand before kings. he shall not stand before mean men" gives us our powers of mind as well as How constantly in actual life do we see this fulfilled. A young fellow starts in life with little to help him neither wealth nor position nor friends; and with the gift—the duty of using them.

Then there is your duty to God. God just as a throng of dark-skinned men, women, and children were passing by. "The slave traders!" He tried to hide, but it was too late. Soon he was bound, and being driven on, on, over marshes and through jungles, hungry and weary. Then there is your duty to God

simply by industry and energy, by doing If we give way to laziness- if we are "with his might" what his hands find willing to grow up in ignorance, we are to do, comes to be a man of weight and despising the best gitts of God. "Not slothful in business—fervent in spirit—serving the Lord." That is the spirit which St. Paul believed should be in every Christian. So when you are tempted to idleness or carelessness brace

#### THE MOTHER'S BOYS.

mother, as she went to look out of the window to see if her sons were coming in sight to take the promised tea with

Boys! exclaimed a young girl, with a merry laugh. "Do you call those big men 'boys'? Why, auntic, they are over forty years old!"

The dear old mother turned and looked at the young girl, and said, in gentle

They will always be boys in the mother's heart, no matter how large and old they are. You cannot understand that now, but perhaps, my dear, sometime you may."

Long after that silver-haired mother and her "boys" had all "passed on and up the heights," the young girl, a silverhaired mother herself, remembered and understood.

The Tribune tells this sweet story of one mother's three "boys":

"A dear old lady, whose home is in Brooklyn, has been an invalid for many years. She is confined nearly always to her wheeled-chair, and her usual station is in a deep bay-window that looks out on a quiet street shaded by maple trees. The pleasure of her life is the green tossing foliage, and its chief annoyance the slingshots of the small boys hunting sparrows. On the window-ledge in front of her lie three heaps of postal-cards and, when she is not watching the trees and the sparrows, she is fingering her mail.

The three heaps are always of equal height. There are just as many cards in one pile as in another. And the likeness between the heaps doesn't stop there. What one postal card says all the others say. The only differences there. the others say. are in the date lines and the signatures. All the cards in one pile are signed 'Ned,' in the next 'Guy,' and in the third, 'Richard.' Every morning the postman's whistle brings three cards, one for each pile.

"Each postal card says: 'I am well and doing well.' Never anything else, and never anything more. The whitehaired lady in the arm-chair has three sons who are in 'leather.' They travel for their firms. Each trip lasts a fortnight. Every other Sunday 'hey are together at home. Every day they are away from home they send their mother the message she looks for. line tells her where each boy is, the five words that nothing has gone wrong with him. The 'boys' are nearly of middle age. They are unmarried, and are giving their lives to the invalid in the armchair."—The Evangelist.

#### HAL'S EXPERIENCE IN THE CHERRY TREE.

"No; I'm not going a step! It's hot-

ter than Africa here! Besides, I know all about it, anyhow. Wasn't I listening when that missionary was here to tea?
Mamma only said, "Very well," and went upstairs so quictly that Hai tried to think of a better excuse, and had Just about decided to add that his mite box was empty when he heard her bedroom door shut. So he began to whistle, and went out to climb into the old which I think I ought to urge upon you for doing with your might what is given you to do.

First, your duty to your parents. I suppose there is not a boy in this hall who has not had something said to him as he left to come here to suppose the su green lea es. He did not know that he had shut his eyes, but, opening them suddenly, he saw a queer mud hut at the foot of the tree. And the tree itself seemed different; the leaves were larger than they had been a moment before, and so odd shaped! fore, and so odd shaped! His clothes were gone, and his skin looked brown, and, oh, how much hotter it had grown in those few minutes! A strange noise seemed coming near, i, he heard the sound of hurrying feet, mingled with cries of pain; he sild down from the tree

no kind hand to help him, until at last

the sea came in sight.

Poor Hal! his little brown feet were more tired than his white ones had ever been; his head ached, and he trembled all over with fear. Oh, if somebody would only come and help him! If he only lived in a land where such dread-

ful things were unknown!

"Nobody cares," he said. "It's pleasanter to sit up in a tree than to go to meeting, and the mite box is empty, 'cause it's just whiptop time"—and Hal was getting mixed in his dreams. But he felt the air grow suddenly cooler, and he saw Somebody with kinder eyes and a more grieved look than mamma; and a voice said, "Inasmuch as ye did it not to one of the least of these, ye did It not to me."

Hal's eyes were opened very wide now, a cloud had come over the sun, a breeze was swaying the branches of the tree, and he sat very still for a minute. Then two drops fell-not from the skies—and he climbed down quickly and ran to find mamma.

Next Band Sunday Hal and his mite

box went to meeting.

# JUNIOR EPWORTH LEAGUE.

PRAYER-MEETING TOPIC.

JULY 24, 1898.

HINTS FOR DAILY LIVING: HOW TO BE HELPFUL.

(Gal. 6. 2; Matt. 20. 26-28.)

The spirit of true religion is one of helpfulness. "Bear ye one another's burden," says St. Paul, "and so fulfil the law of Christ." Each of us has a burden of some sort—even boys and Sometimes their burdens are as hard to bear as those of older persons. They often have difficult lessons, heavy tasks, perhaps grievous sorrows.

We should help one another. Older children may help the younger brothers and sisters to learn their lessons. They may help them in their games and sports. Nothing is more beautiful than to see this spirit of helpfulness in family life, and nothing is more painful than the spirit of selfishness. Let us ask what Jesus would do under such circumstances. The verses from St. Matthew tell us what he did. He came not to be ministered unto, but to minister, and to give his life a ransom for many. So should we also seek to walk in his footsteps. The greatest man is he who helps men most. Even boys and girls may share that greatness and goodness by being kind and loving and helpful in the home, in the school, in the church, and in the world.

#### PLEASANT WORDS FROM ENGLISH LIPS.

The London Engineering, an authority in the British navy, while commenting on the destruction of the Maine in the issue of April 22, 1898, says:

"Whatever may have been the cause, one fact stands out with prominence. The conduct of the whole ship's company was worthy of the best traditions

of the American navy.
"The suddenness of the catastrophe, the rapidity with which the vessel sank, the darkness, the succession of explosions after the great outburst, and the fact that many of the crew were asleep all tended to put the morale of the ship's company to as severe a test as could well be imagined; but not a

man failed in his duty."

The same paper recalls a circumstance which may be forgotten by our readers. In the great hurricane at Samoa in 1889, in which six warships were lost, the English steamer Callione was able to escape, and reached the open sea. She passed close by an American war-ship which was being driven helplessly on and as they played the ship struck a

The English paper says, "The Americans had death staring them in the face, yet with a heroism characteristic of the nation, they were able to send a message of encouragement and good-will to those who were able to find the safety denied to themselves. The incident never should be forgotten by either nation, least of ail by England."

From worthy action is a fruitful cond

Every worthy action is a fruitful seed. That single cheer given on the other side of the world in the face of night and death no doubt has brought forth in many an English mind the feeling of kinship with which Great Britain has now come forward to stand side by side with America,"-Youth's Companion.

#### A Harvest Sermon. BY W. SNOAD.

The woods are russet golden. On the hill

The busy hum of insect life is still. dreamy softness in the air grows chill.

The swallows' nests are empty in the caves; Her filmy web, dew gemmed, the spider

weaves, Framed by Virginia creeper's blood red

The harvest fields of all their wealth;

The last rich load in triumph home is borne.

And gleaners gather up the fallen corn.

Not one of all those sheaves of gathered grain But feeds mankind, or, sown, lives on

again; Not one amongst the gleaners tolls in

No falling leaf from those great eims hard by, Drenched through by autumn mist, can

almiess die, But feeds the nook where spring's flist violets lie.

Nor, sisters, is one fight for justice lost. Though thrashed and winnowed-to destruction tossed:

works alike by sunshine and by frost.

Strive for the right! Do battle brave and true! Fear not and faint not! For the end in view,

Leave it with him. Dead efforts live anew!

#### UNDER THE TROLLEY-WIRES.

The sharp ringing of a bell sounded clear above the tumult of Hamilton Corner, where the busiest thoroughfares of Winchester meet. Close at hand came a lake car, and Jim Connolly, springing forward with his iron rod, shifted it around the curve into Centre Street.

Jim was switchboy for the Electric Traction Company. His post was the middle of the street where all day long he dodged teams and turned electric cars toward their various destinations.

It was late afternoon now; Jim was tired and rather lonely, and as he glanced about for some acquaintance his eyes lighted on Ted Casey standing, with back to him, on the curbstone near by. A bundle of afternoon papers was tucked under Ted's arm, but he was staring idly at a fantastic poster.

The opportunity was irresistible. Jim quickly looked four ways, and seeing that the corner was now free from cars ne darted over behind Ted and seized him by the collar.

"Aw, le' me be!" cried Ted, deeply aggrieved. Then, twisting around, he caught sight of his captor, and grinned.

at him in a friendly way.
"Say, Jimmie, what's that in your pocket?" With sudden curiosity he snatched at a queer object which protruded from the inside of his friend's

"Le' go!" Jim struck down the venturesome hand. "That's my life-preserver. Want to see it?" And with all of an inventor's pride he drew out a peculiar sort of clamp which he al-ways carried about.

It was formed of two pine sticks rudely whittled into shape and hinged toge her at one end. On the inner side its jaws were faced with strips of heavy giass, whose use was not at once apparent.

Jim enjoyed the newsboy's mystifica-on. "Maybe I'll get it patented some tion. "May be 1 if get to partitione," he hinted, impressively.

"What's it for?" asked Ted.
"To handle live wires with. The glass is proof against electricity," ex- 1 plained Jim.

lained Jim.

Ted eyed the strange instrument with ing, they think it's dead!"

coreased respect. "Did any live wires "Can you hold it that way a few wer get loose round here?" he asked, minutes?" asked Wayne, looking doubtincreased respect. "Did any live wires ever get loose round here?" he asked, eagerly.

They might break any time," said Jim, quite seriously. Once he had ven-tured to question Officer Wayne: "What would you do If a wire broke?"

"Live wire? I'd clear the street and send for Higgins." Higgins was fore-Higgins was fore-tang. "If it dropped man of the repair gang. "If it dropped onto anybody I'd have to ring up the ambulance, of course."

With a hearty respect for the force

which kept all these cars in motion, Jim had picked up, from motormen, linemen and engineers, a store of practical knowledge which he was eager to put

His opportunity had been long in coming, and this day promised to be as monotonous as any other. But fifteen asked Wayne.

minutes later the long-expected accident occurred.

A car from the west side came out of Pleasant Street and started north, it swung around the curve its trolley slipped off and caught between the copper wires, snapping one of them near their junction.

The wire dropped into the street, and for a moment there was indescribable confusion as it bounded and writhed among frightened horses and scattering people. The corner was quickly cleared, and at a safe distance a ring of spictators formed to watch the wire spit-ting out blue and green flames on the

Down on his Centre Street switches
Jim had been startled by a quick, jarring ring of the wires. He did not need the cries and commotion, the rush , of people and the stopping of cars to tell him what had happened. he saw that his chance had come, and running up he broke through the ring

just at Officer Wayne's elbow.
"Live wire!" he gasped, plunging a hand into his coat pocket. "I can fix

He had started forward impetuously but Wayne caught him by the arm and pulled him back, understanding only that the boy meant to run into danger.

that the boy meant to run into danger.

Stand back!" said the officer, sharply.

"Don't you know a live wire when you see it? If you touch that, you'll never know what hart you!"

"It won't hart me!" cried the struggling boy, in a hot rage at this opposition. "I've got something to handle

it with."

There's a switch on Main Street a hundred yards away," answered Jim. Run back to the switch and take the left truck! he shouted to the nearest

conductor. As a general rule, a switchboy does not give orders to a conductor, but Officer Wayne stood beside Jim and Imperatively seconded his commands. Word was passed along, and the line of cars moved Lack to return on the other ralis.

The first motorman looked to Jim for further directions.

Hun to the switch in front of the City Hall, and shift back to the right track. Jim turned to Officer Wayne.

Thats all, he said. 'Keep 'em moving, and tell em to mind their own switches. I've got my hands full here."

On the corner near by stood a group of people who annoyed Jim with idie questions and comments upon his courage in holding the wire. Courage? Ho had not thought of it, though he was proud that he knew how to handle the power.

But on one spoke of his own particular invention until Higgins arrived, clad in the rubber boots and gloves which protected him from electric shocks.

Have you got the wire, boy?" ho ted. "What's that you're holding it nsked. with? By George, you'll do!" he exclaimed, taking note of the glass insula-tors. "But why didn't you ground the

wire touch it down to the rails?"

Jim laughed. "And stop the cars!" was his terse comment.

Higgins cast him a shrewd glance and arned to his man. "Here, Jones," he turned to his man.



JIM'S OFFORTUNITY.

But Wayne would not argue. "You stay here!" he gruffly commanded. "Be quiet, now! If you make any more trouble I'll arrest you." Indignant as Jim was, he had too

much sense to contend longer with the policeman. But he felt that he represented the "road," and he was not yet ceteated. Slipping back in the crowd, he ran around its outer edge and worked through at another point whence

he made a sudden dash for the wire. A sharp, warning cry arose, for the bystanders looked to see him instantly Wayne and others sprang forward, but before they could reach Jim he had se zed the scintillating wire with his ciamp. He raise it from the pave-ment, and, lo! the live thing became tame and apparently harmless.

As he bore it over to the cerner of Pleasant Street, the ring of people broke and followed him excitedly. It was a moment of peril for the heedless crowd. and Officer Wayne, seeing now that the boy knew his business turned back to guard the sagging wire.

Jim glared with open contempt at the p one who pressed about him. are fools about electricity!" he growled. "Just because the wire isn't splutter-

fully at the blockade of vehicles on all sides.

"Of course I can!" said Jim impatiently. "I could hold it all day. Why don you move your teams? Have you sent for Higgins yet?"
"We've telephoned."

By this time other policemen had come to Wayne's assistance, and the corner was rapidly cleared. On the arther track cars began to move north. the motorman started them slowly and passed cautiously under the hanging wire, which Jim had straightened as much as possible, and only the southbound cars lay helpless in a long line

on Main Street.
"What can be done with these?"
saked Wayne. "Nothing?"

said, "catch hold of this contrivance. Now, boy, we'll manage the rest of it. Get back to your switches.

"He had grit," some one remarked, Jim ran off. "That was a risky as Jim ran off. thing to do wasn't it?'

We have to take chances," Higgins briefly answered. "The lad knew what he was about."

But though he said little, he was aware that this young employee of the road had acted quite beyond his own line of duty. For this reason he re-ported the whole affair to the superintendent, and Jim was summoned to appear at the office after his day's work.

Ted heard the message, for since the episode of the broken wire he had hung

around his friend continually.
"What'll they give you, Jimmie?" he asked, in hopeful excitement.

Oh, m. y. e a hu, dred shares of stock and a special car."

This reply was designed to tax the newsboy's credulity, for Jim only wanted a chance to display his invention. And , like many another inventor, he forgot , that its work could be easily done in a , different way

The superintendent was reading his advancing to the desk.

"James Connolly, switchman at Ham-ilton Corner?" asked the superintendent.

That's my name. "How old are you?"

"Sevent en."

"Higgins says you kept the cars moving. How did

you handle the wire?"
"With this." Jim

"Crude, but effective-and scientific," "Crude, but effective—and scientific," age to the approval and emulation of he commented to himself. Then, aloud, the world.

Others boys can attend to the switch Higging wants a live lad to help on the repair gang. You can join him. repair gang. You Youth's Companion.

## HOW A WARSHIP FIGHTS.

Before a battle-ship goes into action, all space gear is stowed away, and her decks made as bare as possible, is in order that the enem. a shot ma find but little to make splinters of. possesses three means of attack-her guns, ram and torpedoes. weapons which throw an eighteen-hun dred pound projectile, with a charge of nine hundred and sixty pounds of powder, down to three-pound quick-firers. The effective range of the big guns is over ten miles, and ten shots a minute can be thrown by the quickfiring ones,

One of the big battle-ships fighting at close quarters, with her Maxims in play, would hurl at the foe about two thousand six hundred projectiles a minute these varying in weight from one thousand eight hundred pounds to one ounce. Some of these projectiles would be filled with high explosives, and would destroy everything for yards around the place where they exploded. As British possessions are so widely scattered that ships have to remain for a long time away from ammunition bases, they carry much more shot per gun than do foreign men-of-war.

When a ship is commissioned, the first thing that the crew do is to practise "general quarters," until they are able to clear for action and be ready to fire a broadside within three minutes from the moment the order is given. Eventunlly, however, the crew get to know the ship so well that they can get her ready for action in a minute and a half. This they have to do by night as well day. Probably the captain chooses midnight, when all but the watch are fast as eep, to order quarters to be sounded Immediately the bugie rings out, every man jumps from his ham-mock and rushes straight for his station, each one endeavouring to be first at his post.

For a couple of minutes the clanging of iron doors and the clanking of chains are heard throughout the ship, then all is slient again. The bright muzzles of the guns glisten out at the ports; down in the magazines are men ready to send ammunition to the gunners on the decks above; the torpedo crews have placed Whiteheads in the tubes, and other preparation has been made to give

battle to an enemy. Illuminated sights are used on the guns at night. Each big gun is worked by what is termed a "crew"—that is, a number of sailors or marine artillerymen specially told off to it. The captain, or "Number One," as he is called, lays the gun and fires it—the other members of the "crew" stand in a file to pass the projectiles and load

the gun. There to topedo-tube. These tubes are nearly all submerged.

A Whitehead torpedo costs about \$2,000. It has an effective range of wards, and its war-head wards, and its war-head costs. carries a bursting charge consisting of one hundred and eighty-eight pounds of gun-cotton. The Whitehead is pro-pelled through the water by a beauti-fully designed little engine, situated at its tail-end. The weapon can be set to run at a given depth, in any given direc-tion, and either to float or sink at the end of its journey. It is fired from the tube by means of compressed air or a powder charge,

The ram is the one weapon which in manipulated by the captain. His object is to out manueuvre the enemy, so that he can bear down upon them with. out fear of their ramming his ship. When the order to ram is given, everybody throws himself flat on the deck, evening paper when Jim entered the to prevent being thrown down by the office. Common report among his emforce of the impact. Ramming is, howployees had made him a man of strict ever, a very risky operation, as though rules and penalties, yet he did not seem, he captain may succeed in crashing a as austere as Jim had imagined. "I, hole through the enemy's side, the as austere as Jim had imagined. "I hole through the enemy's side, the was ordered to report here," said Jim, enemy may blow up his ship by discharging her submerged torpedoes.

Forty girls were at work in a high building in Chicago last month, when the cry of fire threw them into a panic.

you managed that Kate Carney, the superintendent, rebreak pretty well this afternoon. And called them and marshalled them safely into an elevator. There was not room for her to enter, but she ordered the "With this." Jim has expected the question, and in quiet triumph he by stairways and halls, though almost passed his clamp over the desk. The superintendent smiled queerly as he examined it.

"Crude, but effective—and scientific" age to the appropriate and ordered the cleared to descend. She escaped by stairways and halls, though almost overcome at times with flame and smoke, Kate Carney's name lends itself to a popular ballad; her act of unselfish cour-

#### Nature's Feast.

Dame Nature done her sweeping-cap, And then takes out her brooms, And, oh, she raises such a dust As she sweeps her spacious rooms

She brushes fields, and hillsides, And the leafy forest floor, The city streets, the country lanes,
The rocks and sandy shore.

She swings her broom the brisk March wind.

And sometimes lifts it high To sweep with strong and vigorous strokes

The clouds from out the sky

She scrubs and scours her house throughout,

Until 'tis sweet and clean.

And then she hangs her draperles And lays her rugs of green.

She freshens up the jugged vines. She makes the waysides fair, She adds a bit of colour here, A patch of brightness there.

She flings her perfumes all about, She gilds the rosy East, And sends a thousand minstrels out To bid us to her feast.

welcome gives she to her Such

guests, That children like to stay Within the house so often cleaned In this good old-fashloned way.

#### FORTRESSES OF DEFENSE.

When the Spaniards under Cortez invaded Mexico in 1519, with the intention of conquering the people and bringing that rich country under the control of Charles V., they found the projec far from being an easy one.

At that time Mexico was inhabited by various tribes of people, the chief of which were the Aztecs, who had main-tained supremacy over the other tribes for nearly a hundred years.

The religion of these early Indians was like themselves—cruel and blood-thirsty. The gods they worshipped were like those who made them—flerce and unholy. There were thousands of temples, or Teocalli, in the land. These Teocalli were built in the form of terraced pyramids, with stairways on the outside leading to a paved platform on the top, where all worship was carried

on.

The great Teocallis, or "house of the gods." of Mexico, was three hundred and seventy-five feet high, and three hundred feet square at the base. Each of its lofty terraces had its own flight of steps rising one above the other on the southern side of the pyramid.

In their worship, the priests, with the victims chosen for the sacrifice, climbed the first of these stairways and passed entirely around the terrace until they reached the next flight of steps; and, so ascending in solemn procession, they marched on, up and up, to the great-altar on top, where the stone of sacrifice was.

Each temple was not only a place of

worship, but it answered the purpose also of a watch tower. From the commanding height of the broad, flat top the priests everlooked the city and watched the people. Like watchmen, they used to call out the hours of the night through their trumpets.

In the towers which stood on the top of the Tenculits were deposited after cremation, the ashes of the heroes of the tribe. In one tower was kept a huge snake - skin drum which was used to call the people together to witness a sacrifice, or for war. The sound of this drum could be heard for a distance of eight miles. In the year 1881 excava-tions were made in front of the cathodral in the city of Mexico, where the great Teocallis once stood, and a few feet below the surface were found the old capitals of the door posts of the temple.

They were heads of large stone serpents, ten feet long and five feet high, with feathered ornaments carved out of solid

The Teocallis, or "bouse of the gods," was the principal building in a town or hamlet. One of them stood in the centre of every settlement. It was surrounded by a wall which was often turreted, and always high and strong; for in time of war it was around these temples that the battles raged most

QUESTIONS FOR HOME STUDY. The Flight of Elijah, v. 1-8. What story did Ahab tell?

Who sent a messenger to Elijah? What was the queen's message? What effect had this on the pro-

Where did he leave his servant? Were did the prophet himself go? What prayer did he offer? Who came to him as he slept? What did the angel say? What did Elijah see when he arose?



SCRNE OF ELIJAH'S FLIGHT-SUNSET IN THE DESERT.

# LESSON NOTES.

THIRD QUARTER.

STUDIES IN THE HISTORY OF THE TEN TRIBES.

LESSON IV.—JULY 24. ELIJAH'S FLIGHT AND ENCOURAGE-MENT.

1 Kings 19. 1-16. Memory verses, 9-12. GOLDEN TEXT.

Rest in the Lord, and wait patiently for him.—Psalm 37. 7.

OUTLINE.

1. The Flight of Elijah, v. 1-8.

The Vision at Horeb, v. 9-14.
 The Command of God, v. 15, 16.

Time.—905 B.C., beginning the day after the great day on Carmel.

Place.—The wilderness of Beersheba, in the south of Judah, and Horeb (Sinai).

HOME READINGS.

M. Elijah's flight and encouragement.-1 Kings 19. 1-8.

Tu. Elijah's flight and encouragement.-

1 Kings 19. 9-18. W. A despondent heart.—Psalm 55. 1-8. Th. Cast down.—Psalm 42.

The glory of the Lord.—Exod. 33. 12-23.

The refuge.-Psalm 56.

Su. Distress and deliverance.—Psalms 120, 121.

What did the angel say the second time?

How long did this food last Elliah?

How long did this food last Elijan a
To what place did he go?

2. The Vision at Horeb, v. 9-14.
Where did the prophet lodge?
What message there came to him?
What was Elijah's reply?
What was he bidden to do?

What then occurred? What came after the wind?

What followed the earthquake? What came after the fire? What did Elijah do when he heard the voice?

What question was asked him? What was his answer?

The command of God, v. 15, 16. Where did the Lord bid Elijah to go? What two kings was he told to anoint? Who was to be Elijah's successor?

## PRACTICAL TEACHINGS.

Where in this lesson are we taught-1. That good men are sometimes couraged?

2. That God knows and numbers his

3. That God's cause is sure to triumph?

# FINEST PURSE IN THE WORLD.

Probably the most elaborate and dignified purse in the world is that which forms part of the insignia of the Lord Chancellor, and is borne in state before his lordship as he proceeds with slow and dignified steps towards the wool-

This purse, which is at once the receptacle and emblem of the "Great Seal," is made of rich purple volvet, on which are exquisitely embroidered in richly coloured sliks the arms of Engrichly coloured sliks the arms of England, surmounted by an imperial crown, and spurning with their hind feet a motto which is the Latin equivalent of "For God and my country." The purse, which was at one time changed annually, has always had an intelligible attraction for the wives of Lord Chancellors, and many examples of it may be found in the houses of the legal nobility counningly worked into antimacassars and similar forms of home decoration. decoration.

#### A BOY'S TEMPTATIONS.

You have heard of the old castle that was taken by a single gun. The attacking force had only one gun, and it seemed hopeless to try and take the castle; but one soldier said, "I will show you how we can take the castle." And he pointed the cannon to one spot and he pointed the cannon to one spot and fired, and went on all day, never moving the cannon. About nightfall there were a few grains of sand knocked off the wall. He did the same the next day, and the next. By-and-bye the stones began to come away, and by steadily working his gun for one week he made a hole in that castle big enough for the army to walk through.

a note in that castle big enough for the army to walk through.

Now with a single gun firing away at every boy's life the devil is trying to get in at one opening. Temptation is the practice of the soul; and if you never have any temptation, you will never have any temptation, you will never have any practice. A boy who attends fifty drills in a year is a much better soldier than the one that drills only twice. Do not quarrel with your temptations; set yourselves resolutely to face

them.

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