# Drawing Lessons for School Children

THE SIX BEST DRAWINGS.

1-MAUD PLEWES, Grade 8, Rec-

2-RONALD M. GRAY, Grade 7b, St. George's.

4-JOSEPH ROWNTREE, Grade 8

5-HELEN McMILLAN, Grade 8 Talbot street.

6-ETHEL J. ADAMS, Grade 7,

At a first glance, this week's drawings were a disappointment. You were really asked for a drawing in outline. Perhaps that was not made sufficiently plain. We are giving you the benefit of the doubt this time, because the drawings show great care and effort, and have been attended with considbefore long Grades VII. and VIII. may get a chance to make some pen ar ink drawings, but not before the, have handed in one good lesson in pure something "unworthy of your steel," at all, for a good accented outline is much more difficult than anything you

the work was to be done in charcoal. Pencil drawings are not easily reproduced, and for the present they are out

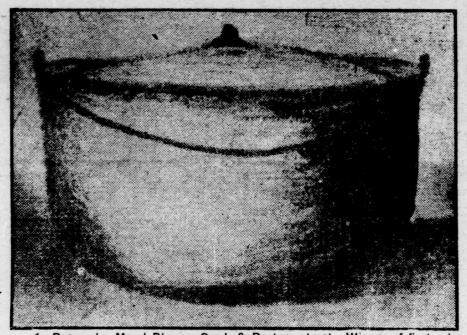
delightful of all mediums. Of these pencil drawings, that of Milton Knowles deserves special mention.



4-Drawn by Joseph Rowntree. Grade 8, St. GeGorge's school. Fourth

GRAND OLD MAN OF SURGERY;

LORD LISTER'S EIGHTIETH BIRTHDAY



1-Drawn by Maud Plewes, Grade 8, Rectory street, Winner of first priz

The choice of objects, upon the his choice of model. whole, was particularly good. One Vera Shannon, Victoria school, show error we are prone to fall into is the a bold, effective style, but her drawconsidering certain things good in ing was badly placed and rather careform just because they happen to be less. fine-looking or an attractive subject! well-drawn bottle with the word INK you can of them.

some boy or girl you had invited take unless the picture is of the table as our eyes the rounder it will become till it upon himself or herself to do all the honors, and put you quite in the background? Was it pleasant? Will you ever invite the offender again?

It was the teakettle's and the bottle's party. Will ERIE and INK ever be invited again? I hope not.

Lulu Brown, Rectory street school, nanded in a very attractive drawing of an old-fashioned long-handled spider. The charcoal handling was splendid, but the drawing was quite up to the standard.

for your brush? There was one teapot The lessons would bear a more carethe one you chose? Then there was a ing them. Try to make the utmost use space.

blazoned upon it in such a way that We use only one table line. When be rounded not pointed, and the furyou saw it before you saw the bottle; the object is below the eye it is the ther above and below the eye they are, and a teakettle where ERIE bestrode back line of the table. When the ob- the more nearly circular do they bethe lid, but in a slightly aggressive ject above the eye then we must draw come. A hoop or ring held at the level the front edge, cutting off the base of of the eye will appear to be a straight Did you ever give a party and have of the object. At no time do we use both line, but the further it is held above

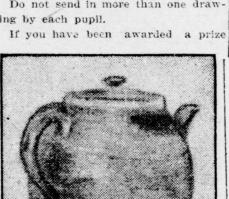


3-Drawn by Gordon Smailman, Grade 7, Rectory street. Winner of unusual. A man with a head half the Had some of you used the rough right well as the object. When the cast solutely necessary. However, as the size of his body would be very unusual- side of your paper you would have shadow is shown this line is not neces- drawings are sorted and examined two looking, but would you consider him had less difficulty in getting your color sary, as it is drawn merely to give or three or more times, unless the stability to the object, to show that it school is on each drawing, some may with a very awkward spout. Was it ful reading than some of you are giv- is resting on something, not floating in be credited to the wrong school. The

Watch your ellipses. The ends must

lowed to sink gradually below our eyes a bottle or kettle, etc., an ellipse and the bottom a straight line. If the top is below the eye, the bottom must certainly be furher below the eye, and should, therefore, appear more 'round-

5-Drawn by Helen McMillan, Grade full, with the name of the school on 6-Drawn by Ethel J. Adams, Grade



VIII. should be in by May 20. The lesname of the school was forgotten on a number of the drawings from Grades Do not send in more than one draw-THE ROLL OF HONOR



subsequent time, but you may not take street; Amy McLeod, St. George's; Joe the same prize a second time. How- Rowntree, St. George's.

2-Drawn by Ronald M. Gray, Grade 7, St. George's school. Winner of

you may get a higher one at some tory street; Helen McMillan, Talbot

ever, if your drawing is as good or bet- Honorable Mention, Grade VIII. ter than the prize winner's you will be Leona Emery, Victoria; Roy Campgiven full credit in the paper though bell. Victoria; George Aitken, Victoria; The results in Grades I., II. and III., Colborne street; Howard Leggatt, Colstreet; Douglas Ewen, Aberdeen; Lewella Smith, Aberdeen; Anna Clarke, VI. should be sent to this office not Simcoe street; Marjorie Tolhurst, Simstreet; Harold Weekes, Simcoe street; Marsh, Rectory street; Lulu Brown, Rectory street; Harry Powell, Rectory street; Edna Smith, St. George's; Amy

Honorable Mention, Grade VII.-

you do not receive a prize.

The drawings for Grades IV., V. and

The sketches for Grades VII. and

son appeared in the edition of April 27.

The third set of lassons will probably

Three prizes only are given every

Special Mention by the

Examiner.

Gray, St. George's; George Winterbot-

tom, St. George's: Minnie Hodges,

Princess avenue; Ethel J. Adams, Tal-

bot street; Lionel Morley, Talbot

be published next Saturday.

Nellis Mann, Princess avenue; Douglas Fetherston, Princess avenue: Minnie Hodges, Princess avenue; Roy Mc-Cartney, Princess avenue; Willie Reid. Annie Middleton, Aberdeen; Ernest Risler, Aberdeen; Ross McIntyre, Colborne street; E. Harwood, Colborne Morley, Talbot street; Myrtle Hicks, St. George's; Laura Stephenson, St. George's; Anna Edwards, St. George's: Lillian Watson, St. George's: Ivy Holland, St. George's; Gordon Waide, St. George's; Harold Mason, St. George's;

Rectory street; Maude Plewes, Rec- vada Frost, Rectory street.

CHRONOLOGY OF INVENTIONS.

The first almanac was printed in Hungary in 1470.

England in 1580. Alcohol was discovered in the thirteenth century.

Stem-winding watches were the inrention of Noel, in 1851. The first iron wire was drawn at

Nuremburg in 1351.

Advertisements first appeared in newspapers in 1652. The first horse railroad was built

nant in 1826. The velocipede was invented by

Billiards were invented in France

The first dictionary was made by the Chinese scholars in 1109 B. C. The first pair of spectacles was made by an Italian in 1299.

The dinner fork was introduced into Italy in 1491 and into England in 1608. The game of backgammon was invented by a Greek about 1224.

Glass mirrors were known in A. D. 23, but the art of making them was

ed a hole, and what is more, he made a hoods, jackets and sweaters. The knitting lot of money on it. Now, though, it isn't

"He patented that hole. He built a fac-

holes for them. His plant turned out 27,50 holes a day. "In fact, all the world used the farmer's watchkeys, which were the only kind that would keep clean, and the old fellow go

"That, of course, was in the dim past The hole factory is only running on half time now, for few persons today use any save the stem-winding or keyless watch.

### proposal of International Celebration - The Discovery of Antiseptic service in the recent war with Russia Surgery and Its Benefit to Humanity -New Era in Life-Saving.

An eminent scientist, speaking of in the words of a great German prothe history of surgery, said that it fessor, simply astounding. Within two prolongation of human life. The might be divided into two periods; before and after Lister. It is in recognition of this fact that the great surgeons of the world are proposing to commemorate the eightieth birthday of and the gauze dressing covered with Lord Lister, which occurred on April an impervious outer coating were the 5, by the republication of all his scien- chief factors. The thought was antithan 50 years ago, with an investigation into the structure of the iris of asepsis, the exclusion of the germs of but the ones which revolutionized surgery were the invention first of anti-

Lord Lister inherited from his father a fondness for study. The father, Joseph Jackson Lister, a retired wine woted his wealth and leisure to im- and bandages by dry heat or by sary to crowd around it as many men as and wrote "If Christ Came to Chicago," sia by dentists and surgeons have ap- looping machine, which knits them to- looping machine, which had anticipated made a gether. The seam of the sock is sewed provements in the microscope. He disusing it that the son says of him in the National Dictionary of Biography that he was the founder of modern microhe restauch that to represent the nave of a blue electric light on the
that infection can never one to he alth, but
the he revived microscope and in the method of scopy. The son, named Joseph for wound, but strain out the impurities, son. The least amount of power which the wrote a quick seller about it. He did not only perfectly harmless, but a possible. Much the greater per cent of the his father, went up to Edinburgh as out the impurities and the air also found would be necessary to drive these bachelor's degree from University Col-his teaching. But the whole emphasis are worn very little in the summer of clinical surgery, and the intimacy with the professor's daughter, and to King's College, London, In 1883 he was a train of 50 cars, whose total length would tentates and popes all look alike to with nervous trouble. It quiets the popular of world the professor's daughter, and to King's College, London, In 1883 he was a train of 50 cars, whose total length would tentates and popes all look alike to with nervous trouble. It quiets the popular of world to the same times. Emperors, kings, po-

those days surgical instruments were often used interchangeably without cleansing. As a result of Pasteur's proved surgical operations, some of Europe when he travels, and have thus as great importance for pathology as for surgery. He has given his name to many imcontaining about 4,000 square feet of surgers. Stead; they simply infect the capitals of Europe when he travels, and he lets them have a few minutes of his time.

In these contents on 152 intrinaces, the total ment and the regentation of minutes are small fry to Mr. Stead; they simply infect the capitals of Europe when he travels, and he lets them have a few minutes of his time. and of micro-organisms, Lister came to broken patella with wire, would have shoveling coal into these furnaces, where apiece. Of course, he startles them there was a fire, and then you would the conclusion that blood poisoning in been impossible but for his discovery it will be burned at the rate of about 1,000 out of their wonted calm, but he walk slowly out, ring the bell of the is to rewind it from the bobbins from which

years gangrene was abolished, the whole civilized world is the debtor of percentage of cases without it rising this grand old man .- Chicago Tribune

At the first a great use was made of ThE DRIVING POWER carbolic acid, and care was taken to decay. But presently Lister, always seeking new truth, came to regard the eye, and contain many discoveries decay, as equally feasible. Absolute One of the most impressive manifestain the destruction of germs already introduced into the wound, but in the case of original surgical operations the mass is thundering speed of 25 or 30 miles an hour. When we liam T. Stead is that it is his nature introduction of germs, far from being attempt by our unaided strength to move

clusively to carelessness. and bandages by dry heat or by sary to clow arotate the around the around the same of the sues by pure water have been found when we see not one, but 40 or 50 loaded even more effective than a reliance cors, started from rest and swung into their upon antiseptic washes. The controll- full stride by a single locomotive, the latportant changes in the frame of the ing principle remains the same; to ter becomes symbolical in the popular keep out the poison germ or destroy mind of majestic power. a medical student after receiving his Keep a wound open and clean and

begun in that way led to his marriage he was appointed to the same chair at these locomotives could haul on the level several times. Emperors, kings, powith the professor's daughter, and to his following along the same lines until he succeeded his father-in-law in president of the Royal Society, in 1896 be just a third of a mile. Consequently the whole 68,000-power of the Cunarder, expressed in terms of locomotive work, would be just a third of a mile. Consequently the whole 68,000-power of the Cunarder, expressed in terms of locomotive work, would be just a third of a mile. Consequently the whole 68,000-power of the Cunarder, expressed in terms of locomotive work, would be just a third of a mile. Consequently the whole 68,000-power of the Cunarder, expressed in terms of locomotive work, would be just a third of a mile. Consequently the him. Whether they relish it or not, as in the case of Leopold of Belgium son into a pleasant slumber, after president of the British Association, be sufficient to haul a train of 1,600 cars, who didn't relish it, they have to which all nervous trouble disappears. Lister had published important in 1897 he was created baron. These whose total length would be over five submit. As modest and retiring a man studies on inflammation and on the tokens of esteem at home have been miles. coagulation of the blood before he be-equaled abroad. Perhaps the most To develop a minimum of 68,000-horse-fire gun when Mr. Stead cornered him. dows, which have a marvelous soothcame regius professor of surgery in striking evidence of his rank in his power, and a maximum that will possibly The Czar of Russia, as shy as a wood-Glasgow. At that time 80 per cent of surgical operations were followed by two medallions which adorn the facade of the principal hospital at Rome repgangrene, and sometimes all the pa-tients operated upon were successively resents Lister dressing a wound. His double-ended, and two single-ended, the the breach when Mr. Stead bursts inaffected by blood poisoning without discoveries gave the impulse to Koch, former being 17 feet 3 inches in diameter to Berlin heralded for a week by press any surgeon suspecting that his own Metchnikoff, Behring, and other micro- and 21 feet long. The coal will be burned notices about his plans for disarmainstruments carried the infection. In scopists, and have thus as great im- in these boilers on 192 furnaces, the total ment and the regeneration of mankind.

presence of living organisms, and that Lord Lister has always been an outthe coal is burned at a flerce white heat, ever occurred to him he would have the door to see what was wanted you does the work of a uniform tension and presence of living organisms, and that if the air will be forced through the grates described and the entrance of others pretable would be all This is Europe and is said to know the call or also assisted by the four great smoke.

In the air will be forced through the grates described and the entrance of others pretable would be all the air will be forced through the grates described and the entrance of others pretable would be all the air will be forced through the grates described by the four great smoke. The smoke should be all the air will be forced through the grates described by the four great smoke. The smoke should be all the air will be forced through the grates down to the needles. These needles are

very delicate and more pleasing than drawing. considers himself fortunate to have millions of sufferers, and no false modesty has blinded him to the importance of his work. A comparison of the record of the field hospitals of the erimean war or the American civil war with the record of the Japanese is an impressive testimonial of the revolution he wrought in surgery, but the records of hospitals in time of peace show an even more wonderful advance in the range of operations possible, in Good for a Shocker Every 24 Hoursthe percentage of successes, and in the

FIVE MILES LONG.

inevitable, was due, he discovered, ex- a heavy piece of furniture, we understand very well what is meant by mass and in-In the later developments of Lister's ertia. To move a single loaded freight car it in a united propulsive effort. And hence,

out the impurities and the air also, found would be necessary to drive these ships at their contract speed was 68,000four propellers of each of these ships will | gle. In 1869 Lister became professor of be equal to the total pull exerted by 32 In 1869 Lister became professor of be equal to the total pull exerted by 32 Mr. Stead has interviewed all the combined with the series of the earth, some of them ture, carpet and so on in a room, is More than 500,000,000 pounds is annually utilized in the knitting industries of the series of the

## know the age, too, but that is not ab- drawing. MAN UF SHUCKS IS W.T. STEAD

CLOTHES," DESCRIBES HIM.

His Irrepressible

New York Sun: Why did William T. Stead, the international pilgrim of to mobilize bands of peace pilgrims in peace, shock the Methodists by telling the various European capitals and lead OF A GREAT STEAMER them that nobody cared a damn for them up to the doors of the tribunal, their "Amens" unless they did some- as Coxey led his army to Washington, thing in the cause of peace, which Mr. the crowning triumph of Mr. Stead's locomotive starting a train of 40 or 50 pins, and swearing he was sick of drum provoked by his mercurial man's cars, and gathering way, until the whole peace congresses? The answer to this presence anywhere is, What will he do mass is thundering over the rails at a and all similar questions affecting Wil-next?

to, as well as his habit to.

Consider a few of the things the man has done. Mr. Stead went to Chicago sensation. He has, or had, conducted friends in various parts of the world," blue light. slashing style. He wrote "Shall' I Slay three minutes, but is generally suffi- is black in color.

cock at the end of the open season,

clothes." He is the only man President Roosevelt has ever had to listen to—
The Stand will not be interrupted by anybody on earth, and his output is 700 words a minute, except when he is pressed for time, when it is uncountable. We must get used to Mr. Stead he is good for a shocker of some kind the unexpected, which he studies all the time. As the Bernard Shaw of agitators he cannot afford to be caught napping. The National Arbitration and Peace Congress in this city is prolific of opportunities for a gifted opportunist and importunist like Mr Stead. There is no knowing what he will say or do. He doesn't know himself. Of course, the greater is behind

-the Hague Conference. If allowed sepsis, the destruction of the germs of WOULD DRAW A FREIGHT TRAIN Stead is personally conducting? Why career will be at hand. The Hague gether and sewed. The seamless stocking did he pray at the Broadway Taber- Conference would probably be no more is being improved constantly and in the nacle, when neither the rabbi nor priest potent to resist him than was Chinese latest machine is given a shape to fit the Verochio in 1470. had set him the example, before pitch- Gordon, or the King of the Belgians, swelling of the calf of the leg. The leg to ing into the Christian organization, or the wretched Czar. Trust William the seamless stocking is knit in a tube or that have proved of value to the world, cleanliness, accompanied by carbolic tions of the modern steam declaring that the church had no more T. Stead to spring the sensation of his cylinder and afterwards looped onto the acid and similar agents, might result engine is the sight of an up-to-date freight influence upon peace than a row of life at The Hague. The great conun- foot. The top of a sock is always ribbed.

### NO MORE GAS AT DENTISTS'.

Chloroform, ether, cocaine and other

ter still, it appears that blue lights, ings are worn very little in the summer combined with blue hangings, furni-ture carnet and so on in a roome is increased greatly in recent years. with nervous trouble. It quiets the pounds of wool.

ing effect on certain temperaments. THE OTHER WAY.

If you were a German boy living in some old village over in Germany and desired. them have a few minutes of his time You would wait until certain that tons every 24 hours; and to insure that startles or shocks everybody. If it had house, and when the good wife came to it is spun. Special winding machinery

# OF STOCKINGS

OUT OF CLOTH.

The Knit Article Is a Comparatively New Invention-A College Student Made Knitting Machine.

Stockings today are made both in seamless form and in what is known as "full regular shape." The latter knit in a flat piece, is so shaped that it will fit the leg perfectly when the edges are brought to-This is the first operation. When the ribbed top is complete, it is put on a bar equipped with a tooth for each stitch. This bar with the ribbed top then goes to another machine, in which the fabric below the ribbed top is knitted. This done it is put onto another bar and into an- Drais in 1817. other machine which knits the foot. The treatment sterilization of instruments on the level by human power it is neces. to see the world's fair, found it dull compounds used to produce anaesthe- edges of the toe and heel are then put on a

sensation. He has, or had, conducted doctor is to be believed, all these and dyed. This is a very important operation. In 1471. ments of automatic writing with aesthetics will hereafter be replaced by In reality there are several operations in connection with this one feature of the and written voluminously about them. It is now proved that by directing secret of the industry enters in. Cheap industry. Here, too, is where the chief It is for this reason that to represent He revived British naval supremacy the ray of a blue electric light on the dyes are not only injurious to health, but

This is good news for all dental suf- into the making of stockings. More cotton lost and not recovered until 1300 in

Besides hosiery, other important and very extensive lines of knit goods are: Underwear, shawls, mittens, gloves, caps, as Chinese Gordon talked like a rapid- blue electric lights, but blue glass win- of the knitting industry which is in many of cotton underwear represents a phase worth the paper it is written on respects more interesting than any other The yarn goes into the underwear machines past went to wind his big silver turnip and and with wonderful rapidity sleeves or found the key stuck full of dirt. He tried body cloth come forth to fit the tall and to dig the dirt out with a pin. No go. short, the thick and the thin. Each machine can be so set by the operator in charge so as to turn out the exact sizes

garments the cotton is imported from knitting machines and the yarn reaches is hard to realize that it was revolu- He has thus, in spite of his applicationary and greeted with derision and tion to his profession, retained his bitter opposition of the principle were, health and lived to a green old age. He bitter opposition of the principle were, health and lived to a green old age. He bitter opposition of the principle were, health and lived to a green old age. He bitter opposition of the principle were, health and lived to a green old age. He bitter opposition of the principle were, health and lived to a green old age. He bitter opposition of the principle were, health and lived to a green old age. He bitter opposition of the principle were, health and lived to a green old age. He bitter opposition of the principle were, health and lived to a green old age. He bitter opposition of the principle were, health and lived to a green old age. He bitter opposition of the principle were, health and lived to a green old age. He bitter opposition of the principle were, health and lived to a green old age. He bitter opposition of the principle were, health and lived to a green old age. He bitter opposition of the principle were, health and lived to a green old age. He bitter opposition of the principle were, health and lived to a green old age. He bitter opposition of the principle were, health and lived to a green old age. He bitter opposition of the principle were, health and lived to a green old age. He bitter opposition of the principle were, health and lived to a green old age. He bitter opposition of the principle were, health and lived to a green old age. He bitter opposition of the principle were, health and lived to a green old age. He bitter opposition of the principle were, health and lived to a green old age. He bitter opposition of the principle were, health and lived to a green old age. He bitter opposition of the principle were and the principle were are some than the products of the pr

#### street; Gordon Smallman, Rectory Six Best in Grade VIII. - Milton George Winterbottom, St. George's; Gordon Smallman's handling was 8, Talbot street school. Fifth best your drawings. It is interesting to 7, Talbot street school. Sixth best Knowles, Simcoe street; Lulu Brown, Wilmer Denney, Rectory street; Newstreet; New

Barometers were first made by Toricelli in 1643.

Bombshells were first made in Hol-"AN ELECTRIC DYNAMO IN every 24 hours. He is the apostle of HOSE WERE FORMERLY MADE Iron pavements were first laid in London 'n 1817.

Buckles were first made in 1680. Brandy was first made in France.

Roller skates were invented by Plympton in 1863. The first American paper money was made in 1740. Covered carriages were first used in

The torpedo was first made in 1777. The first plaster cast was made by

The folding envelope was first used in 1839.

Steel needles were first made in Eng-Shorthand writing was the invention of Pitman in 1837.

The first pipe organ was made by Archimedes in 220 B. C.

### HOLE IN THE WATCH KEY.

was the patent of a hole. "An old farmer out St. Louis way patent-

"This farmer one morning in the dim

"'Consarn ve," he said, "I'll fix you "And he drilled a hole in the key, and with in single breath blew out every bit of the dirt.

bought millions of keys and made