#### SCIENCE AND PROGRESS

INTERESTING PARAGRAPHS CULLED

A Method of Making Geometry Lateres ing to any Class—Teaching Through the Aspect of Common Things—Prac-tical Application of Euclid's.

the Aspect to Commentation of Euclid's.

In the Popular Science Monthly for November, Mr. George Hes, of New York, formerly of Montreal, has an illustrated article describing how be taught some young people certain important haw of geometry. His plan was to show them how to observe aspects of common things usually over-leoked. One lesson is as follows:
"One chilly evening the sitting-room in which my pupils and I sat was warmed by a grate-fire. Shaking out some small live coals I bade the boys observe which of them turned black soonest. They were quick to see that the smallest did, but they were unable to tell why. They were rominded of the rule they had committed to paper, but to no purpose, until I broke a large glowing coal into a score of fragments which became black almost at once. Then one of them cried, "Why smashing that coal gave it more surface." This young fellow was studying the elements of astronomy at school, so I had him give some account of easy to advance from this to understanding why Jupiter with eleven times the diameter of the earth still glows faintly in the sky. And then to note how the sun continue to pour out its wealth of heat and light be-cause the inneuently of its bulk has, com-partitively speaking, so little surface to



F1G. 1. made. The first consisted of a cube having a base five inches square, and a wedge and pyramid of similar base and height. The second series comprised a cylinder, sphere, and cone, each five inches broad and high. Taking the first series, a moment's comparison of the sides of wedge and cube told that one contained half as much wood as the other; but that the pyramid contained a third as much as the cube was not evident. Weighing the pyramid and cube brought out their relation, but a more substituted in the contained as the cube was not evident.



This proved that the pyramid had a third the contents of the tube, that the same proportion exibilities have the cone and cylinder, and that the sphere had twice the contents of the cone. Dividing the wedge by ten parallel lines an equal distance apart, I asked how the area of the smallest triangle so laid off, and that of the next smallest compared with the area of the large triangle formed by the whole side of the wedge. "As the square of their sides," was the answer. Dipping the wedge below the surface of the water in the jar, edge downward, it was observed to displace water as the square of its depth of immersion. Reversing the process, the wedge became a simple means of extracting the square root. Dividing the vertical play of its displacement into sixteen parts drawn clong the jars side, we divided the wedge earts by equidistant purallel lines.

### PHUNNY PHELLOWS.

WHILE READING HERE YOU CAN

an Odd Corner Devoted to the Merry Makers-Bits of Life Found Here and There-Pleasant Paths in Which to Strav-Her Swinging Gait.



He—"Your stride just like that fer "How so?" "You have such a swinging gait.

Drawing the Line.

Little Johnnie-Was it right to ask Samboth the data turkey for Thanksgiving!

Brown-Yes, provided you didn't gourther and ask him where he got it.

Carried Men. Con.

Ward McAllister—Do you really think, now, that there is any inherent impropriety in wearing the divided skirt?
Ordinary Layman—OB, I think you might wear it with perfect propriety, Mr. McAllister.—Life.

An Obituary Proceeding. "Not in Winter?"

"Oh, yes!"
"What for?"
"To put the dead letters on." A Sympathetic Boy.

Mother—What makes you cry that way!

Johnnie—Our poor teacher has been sick

long and—and—

Jong, and—and—
"What! Did he dief"
"No—no—he is getting well—boo hoo,"

It is Ever So. "I see that our country paper has a new "I hadn't noticed it; however, I might have guessed as much, for I met the editor's wife to-day, and she was still wearing her vid one."

The Hanny Man.

Wife—That pane of glass has been out all summer and now a freezing cold day has come and we need it in. Fve told you forty times to send a man here to fix it. Why in the world haven't you done it?

Husband—Because I can fix it myself.

"On what ground, Mr. Cautious, do you to the last to break our engagement?"
"There is no ground, Miss Bellows; that's the trouble. I had supposed, when we became engaged, you owned a large farm."

An Appropriate Branch. Father-What branch do you consider the Father—What blanca to you most profitable for my son?
Teacher—I can hardly say; but I think a good stout blue beeth, or a long sinuous birch, would do him as much good as any.

An Impressive Warning.
Teacher—Thomas, I saw you laugh justow. What are you laughing about?
Tommy—I was just thinking about something.

Teacher—You have no business thinking during school hours. Don't let it occur again.

Did Not Follow

arents
"Oh, yea."
"By the way, did you know my father?"
"Very slightly, but I always heard he was
a most talented man."

The Hayseed's Idea. The Hayseed's Idea.

"Education is a priceless thing, Mr. H sybinder," said Pestle.

"Weal, now, I shul say so. Down in our decatrick we know romething. I kin tell you and we're boun' ter hav it if it caste as much as \$30 a month an' board thrown in."

prettier."
"Well, mum, 1 gussi I'd better just bring youth cats an let you cut the tails off to suit y'rself."

auit y'rsoit."

A Gentle Volce.

Tommy—Oh, I'm sy glad you've come home, papa! Manma has been awful man to me to-day.

Mr. Skyflatt—Ah, I am afraid you have been a nanghty boy. Did shaspink you!

Tommy—No; but she scoidal, and her voice sounded like it does when she talks at the fee man down the damb—watter shaft.

AS PALE AS DEATH.

#### ITEMS OF INTEREST.

Garfield Tea cures sick-headache. Brightest idea of the century-the elccric light.

Keep Minard's Liniment in the House. Some cheap perfumes are not to be

Minard's Liniment is used by Physi-

The summer girl has to put up with nany a rein beau. Minard's Liniment, the Lumberman

Some men, if they take one swallowill insist on having a lark. A sample package of the Wonder-working K. D. C. the king of Dyspepsia Curemailed to any address. K. D. C. Company, New Glasgow, Nova Scotia.

Speaking of the small pieces of ice, it's erally a warm day when its left.

Are you troubled with head-ache, heat-burn acidity! Take K. D. C., the King of Dyspepsia Cures. It is guaranteed to cure you. Sold by G.H. Wallace. They are called racing tips because their patrons are so easily upset by

As the name indicates, Hall's Vegetable Sicilian Hair Renewer is a renewer of the hair, including its growth, health, youth-ful color, and beauty. It will please

When a man "feels his oats" it is no lways evidence of his being a stable

Arc you troubled with sour stomach, lausea, nightmare? Take K. D. C., the king of Dyspepsia Cures. It is gauran ced to cure you. Sold by G. H. Wal-

The man who has "the pull" at a pic-ic is generally the thoughtful chap who is brought a flask.

If you do not know how good a remedy durfield Tea really is for constipation and sick headache, send a postal card to D. Densmore & Co. 317 Church Street, Toronto, for a free, rial package.

Conundrum submitted for the Post's old eagle prize: What makes a coach dog spotted? The spots.



Young women telephone operat are greatly exposed to danger during thunder shower as they alter the sparker during a

Be sure and put a box of Ayer's Pille in your satchel before traveling, either by land or see. You will find them con-venient, efficacious, and safe. The best remedy for costiveness, indigestion, and sick healache, and adapted to any cli-ate.

It often happens that a fellow wh won't go home till morning" can't go ome then till somebody pays a fine for

The Chinese pay their doctor only so long as he keeps them in health. They believe in preventing rather than curing disease. This is sound sense, and one of the strongest recommendations of Ayer's Sarsaparilla, a medicine which not only cures diseases but prevents them.

He-A woman can't conceal her feeligs. She-Can't, eh; she can kiss a woman she hates. He-Yes but she doesn't fool the woman any.

GEORGE F. NEWCOMBE, Delorain Manitoba: "To whom it may concern This will bear unsolicited testimony it he wonderfull curative power of K. I. C. For about ten years I suffered terribly from Indigetion causing sprems of the Stomach which continued from one eight hours and for some months was uter hospital treatment by eminent physicans without permanent benefit. Or dollar package of above renedy cured in I can now eat any kind of food without he slightest inconvenience and ammonument of wonder to many wheshought me dying years ago."

Scads-You say he left no me Baggs-No. You see he lost his health getting wealthy, and then lost his wealth trying tr get healthy.

C. C. RICHARDS & CO.

Continuen.—For years I have been troubled with ecrofulous sores upon my face. I have spent hundreds of doltars trying to effect a cure without any result. I am happy to say one bottle of MINARD'S LINIMENT entirely cured me and I can heartly recommend it to all as the best medicine in the world. RONALD McINNES. Bayfield, Ont.

It might be a good thing for som ouseholds if it were the custom to tak own in shorthand overything that the ride and groom promise on the wedding ag day, and have it written out on the ypewriter and framed to hang on the low wall.

## VERY MANY SUCH.







# The Chute, Hall & Co. Organ!

Yarmouth, BEST IN THE MARKET!

Superior Quality. Popular Prices. Terms to Suit the Purchaser. B. O. DAVISON, · · · AGENT. WOLFVILLE, N.S. Call or write for particulars.

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LLs. They will a

take these PILLS

YOUNG WOMEN should take them THE DE. WILLIAMS' MED. CO.
Brockeille, On

BE A MAN



For LOST or MAILING MANHOOD, General and MERVOUS DEBILITY, Weakness of BODY AND MIND, Effects of Errors or Excesses in Old or Young. Robust, Noble MAN-MOOD fully Restored. How to enlarge and strengthen WEAK UNDEVELOPER, ORGANS and PARTS OF BODY. Absolutely unfailing MOME TATMENT—Benefits in festify from fifty States and elga Countries. Write them. Both the Caplanation and proofs mailed (sealed) FREE. Address ERIE MEDICAL CO. MEDICAL CO.

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. THE WORLD . MORE IN CAKE THAN OTHER MAKES

A Marvellous Cure.

In the pretty village of Tiverton re-sides a lady who belongs to a consump-tive family. Her trouble was a most serious one. No other medical agency could have wrought out such a wonderful cure. Read what she says about it:— From Mrs Henry Outhouse, Tiv-erton:

From Mrs Henry Outhouse, Tiverton:

"About three years ago I was very sick with consumption, which was brought on by a heavy cold. I was advised to use Emulsious and Cod Liver Olb, but they did not seem to do me any good; and I found that I was growing weaker fast. In fact I was given up by my parents and friends, as I belong to a consumptive family—two sisters and a brother having already died with that dread disease. As my appetite was very poor a friend advised me to get a bottle of DOCK BLOOD PURIFIER, the use of which soon gave me a craving for food, and I soon began to feel stronger. When the sixth bottle was finished my cough was all gone and I was a different person. I continued on until I took twelve, at which time I had gained forty-four pounds in flesh, with splendid good health. Have had no symptoms of lung trouble since and believe Dr Norton's Dock Blood Purifier saved my life."

Write and Ask How to Use It. DENTISTRY | DENTISTRY | Wm. A. Payzant, DENTIST,

Is now prepared to extract teeth ab solutely without pain. Come and try his new method. All kinds of deutsl work done by the latest improved methods.

Office at residence, opposite Acadia Retel, Station Street.

Wolfville, January 22d, 1890.

THE Yarmouth Steamship Co.



The Shortest and Most Direct Route between Nova Scotia and the

THE QUICKEST TIME. to 17 hours between Yarmouth and Boston! STEEL STEAMERS.

YARMOUTH," -- AND --

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ONE of these Steamers will leave Yarmouth for Eoston every Tuesday, Wednesslay, Friday and Saturday Evenings after arrival of the Evening Express from Halifax. Returning, will leave Levis' Wharf, Boston, at 12 noon, every Morday, Tuesday, Thursday, and Friday Mornings making close connections at Yarmouth with W. C. Ry, and Coach Lines for all parts of Nova Scotia.

Regular Mall carried on both Steamers, Tickets sold to all noints in Canada, and to New York via Fall River Line, and New York and New England Ry.

For all other information apply to W. C., W. & A., I. C., and N. S. C. R'ys. Agents, or to
W. A. CHASE, L. E. BAKER,
Secretary and Treas. Manager. (Until further notice,)

Yarmouth, April 15th, 1892.

UNGAR'S STEAMLAUNDRY, 62 & 64 GRANVILLE ST., Halifax, N. S.

# Lace Curtains

DYED & CLEANED TO LOOK LIKE NEW without

the least injury to material. WE ALSO DYE & CLEAN ALL KINDS OF CURTAINS, AS

Damask, Rep. &c. Satisfaction Guaranteed !

For prices and further particu- Harbor, and New York ROCKWELL & CO., WOLFVILLE BOOKSTORE.

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USED IN THE MANUFACTURE OF

WOODILL'8 German Baking Powder, ARE-

ure, Wholesome, Well-Proportioned. GEORGE LAWSON, Ph. D, LL. D., F. I. C. G. B.

xecutors' Notice.

A LL PERSONS having legal demands against the cetate of John O. Pince, late of Woltville, in the County of Kings, Esquire, are requested to render the same, daly attested, within twelve months from this date; and all persons indebted to the said estate are requested to make immediate payment to

payment to

WILLAM S. PINEO,
Wilmot, N. S.
ROBERT V. JONES,
Wolfville, N. S.
Or to E. SIDNEY CRAWLEY,
Departs for the Education Proctor for the Estat Wolfville, Mar. 31st, '92.

# COAL

IN STORE! A FULL SUPPLY of Springbill Coal and Hard Coal; and to arrive at Kingsport, per schr. Blake, from New York, a cargo

"Lackawanna" HARD COAL Orders requested to be left with our agents MESSRS PRAT & COL-LINS,

J. W. & W. Y. Fullerton. Wolfville, Dec. 18th, 1891. tf

ON HAND, One hundred feet Seasoned Pine.

J. W. & W. Y. FULLER Port Williams, March 22d, 1893.

The only perfectly safe and reliable medicine dispists who offer inferior medicines in place of this. Ask for Cook's Corrow Room Contrount, take no substitute; or enclose \$1 and 4 three-cent Canada postage by return mail. Full scaled particulars in plain envelope, to ladies orly, 2 stamps, address, FOSD LILLY COMPANY, No. 3 Fisher Block, 131 Woodward ave., Rand, and all responsible druggists encountered.

ON HAND, One hundred feet Seasoned Pine.

J. W. & W. Y. FULLER Port Williams, March 22d, 1893.

\*\*RULER HUGC\*

This favorite stallion will make season of 1891 at the stable of which about 1500 pounds, and he has continued and the plant of the proportion of the stable of which about 1500 pounds, and he has continued and the stamps in envelope, to ladies orly, 2 stamps, address, FOSD LILLY COMPANY, No. 3 Pisher Block, 131 Woodward ave., Rand, and all responsible druggists enveloped.

TERMS MODESATE:

### W. & A. RAILWAY. Tuesday, 5th July, 1892.

GOING WEST. 66 Port Willi

Parlor Cars run Bluenose" Tuese Saturday; and o Monday and The

GOING EAST.

\* Fuesday, Wednesday, Fr

W. R. CAMPBELL, General Manager and Secreta K. SUTHERLAND, Resident Manag

SOMETHING NEW! Bensdorp's Royal Dutch COCOA AND CHOCOLATE.

> Try Them. ROYAL BELFAST GINGER ALE. Highest price for Eggs. G. H. WALLACE.

Wolfville, August 15th,

For information and free Handbook write to MUNN & CO., 361 BROADWAY, New York Oldest bureau for securing patents in Aust Every patent taken out by us to brought be the public by a notice given free of charge in Scientific American

### Building Lots.

Parties wishing to secure desirable uilding lots in Wolfville cannot a ping suited in the block of land a being suited in the block of land a forning the Presbyterian church, which has reconstly been laid cut into good sized lots and will be sold at reason able rates. The situation is a most desirable one and the land is of an excellent quality. Information concerning the same may be had and plan of lots seen, on application to.

B. O. DAVISON, WOLFVILLE N. 8.

Seasoned Pine.

Greenwich, April 6th, 1891,