

Sleep.

All our senses do not slumber simultaneously. They fall into insensibility, one after another. First the eyelids obscure sight, and the sense of taste is the next to lose susceptibility. Smelling, hearing and touch then follow. Touch is the lightest sleeper and most easily aroused. After touch hearing soonest regains consciousness. Slumber commences with the feet and works its way up, to the centre of the nervous action. The sense of smell is the last to awake.

To Measure the Height of a Tree.

There is a story that during the war there was a river to be bridged, and the engineers spent the night making plans. When they went out in the morning after their night of hard work they found that the river had already been bridged. Some practical farmers among the soldiers had laid the plans and turned an army into workmen.

Carpenters and woodsmen do not know a single principle of trigonometry, but they solve by simple means some of the problems which come up in their daily life. They may not be accurate to a hair's breadth, but they answer the purpose.

Supposing a wood-chopper in the Maine forest is told to get out a mast for a yacht. He knows that he must find a tree which is straight for sixty feet below the branches. It would be very troublesome to climb trees and measure them with a tape measure, so he, without knowing it, uses practical trigonometry.

He measures off sixty feet in a straight line from the tree, and then he cuts a pole which when upright in the ground is exactly as tall as himself. This he plants in the earth his own length from the end of his sixty feet.

For example, if he is six feet tall he plants his six foot pole perpendicularly fifty four feet from the tree. Then he lies down (on his back) with his head at the end of the line, and his feet touching the bottom of the pole, and sights over the top of it. He knows that where his eyes touch the tree it is almost exactly sixty feet from the ground.

Illustrations of Giv'ng.

Andrew Fuller once asked an old friend for money for foreign missions. The friend said: "I will give you five pounds, Andrew, seeing it is you." Fuller handed it back. "I will take nothing," he said, "seeing it is I." The man saw the point, and replied: "Andrew, you are right. Here are ten pounds, seeing it is for the Lord Jesus!"

Two working girls, of Providence, R. I., decided one day to walk between their homes and the factory, thus saving ten cents a day, and supporting their own native preacher at \$30 a year. When they told of their plan, their faces shone as if they had just found a gold mine.—Christian Endeavor World.

Turkish Carpets.

The British Vice Consul at Sivas, in Turkey, makes some interesting remarks on Turkish carpets in his annual report, just issued, says the London Graphic. It appears that there are ten different kinds of carpets and rugs made, from the prayer carpet to the largest-sized carpet. The prosperity of the industry is bound up with the color question, so the Vice Consul gives some interesting detail on this point. He says that it seems to be pretty generally believed that the secret of obtaining many of the old vegetable dyes has been forgotten. This, however, is not

so, and the almost universal use of aniline dyes is simply due to the spirit of laziness and false economy prevalent among the people. Interior aniline dyes are much easier to get, and are cheaper than the vegetable dyes. The question of quality and durability is not considered. It appears that the Kurds know how to prepare certain vegetable dyes, and know how to get all the ordinary colors, but they do not understand getting various tints by blending. The secrets of the colors are jealously guarded among the Kurds, but are parted with readily enough for a consideration to a stranger. Even the Kurds are now beginning to use aniline dyes.

Short Grammar.

The whole science of grammar cannot be composed in twenty lines of verse, but the ten couplets which are here given have started many young learners upon the difficult road which leads to the mastery of language:

Three little words you often see
Are articles a, an and the

A noun's the name of anything
As school or garden, hook or swing.

Adjectives tell the kind of noun,
As great, small, pretty, white or brown.

Instead of nouns the pronouns stand—
Her head, his hand, your arm, my hand.

Verbs tell of something to be done—
To read, count, laugh, sing, jump or run.

How things are done the adverbs tell,
As slowly, quickly, ill or well.

Conjunctions join the words together,
As men and women, wind or weather.

The preposition stands before
A noun, as in or through the door.

The interjection shows surprise,
As, Oh, how pretty! Ah, how wise!

The whole are called nine parts of speech,
Which reading, writing, speaking teach.

Grown in a Tumbler.

Common garden peas are hardy and may be grown in an ordinary tumbler. Tie over the mouth of a tumbler, which should be filled with water, a bit of the coarse, stiff net used by milliners. Cover this net with peas and stand in a dark but not cold place for three days. At the end of this time take the tumbler to the window, and in a few days the roots will be seen shooting down into the water, and soon the vine will be ready for training.

An effect both pretty and unique is secured by encircling a large jelly glass with wire, to which is fastened a dome shaped network of fine wire. The vine will spread over this, making a perfect net of fresh, green leaves, which may be allowed to droop gracefully when the top growth is sufficiently thick. The vessel should always be kept full of water, and a few drops of household ammonia and several small pieces of charcoal should be added each week.

After experimenting with a tumbler, train a vine over a goldfish bowl in the same way. Fresh cut flowers thrust into the mass of vines make this a beautiful centerpiece for the table on festive occasions. The flowers should be permitted to remain only during the meal, as otherwise they would soon absorb all the vitality of the growing leaves.—Ex.

Do not dare to live without some clear intention toward which your living shall be bent. Mean to be something with all your might.—Phillips Brooks.

ROSY, HEARTY CHILDREN.

If you want to keep your little ones rosy, hearty and full of life give them Baby's Own Tablets the moment they show signs of being out of order in any way. This medicine cures all forms of stomach and bowel troubles, breaks up colds, prevents croup, destroys worms, allays teething irritation, and gives the little ones sound, natural sleep. No child objects to taking the Tablets and the mother has a guarantee that they contain no opiate or harmful drug. No other medicine for little ones gives this guarantee. Mrs. Geo. Campbell, Killarney, Man., who has had much experience says:—"I find Baby's Own Tablets a fine medicine for children. They are prompt in relieving little ills and gentle in their action." All medicine dealers sell these Tablets or you can get them by mail at 25 cents a box by writing The Dr. Williams Medicine Co., Brockville, Ont.

The Doubting Man.

The man who is anxious to marry but cannot find a suitable wife is ever to the fore. This woman is not good enough, that one would I o: have him, he thinks, and so on.

This sort of man is best unwed. He is half fool, half hypocrite. Half fool, because faint heart never won fair lady; half hypocrite, because any honest, genuine woman is good enough for a man.

Then there is the doubting man; he is certain that matrimony would be good for him, and he is sure that a man needs a wife, but—he considers too much; he wants to peep into the future in order to find out if his matrimonial journey would be smooth.

The doubter hesitates; at times he feels he must propose, get married, and settle down, but he shrinks, the risks are too terrible; so he glides away into nothingness, namely, a bachelor's existence.

Girls should look out for the doubting man. Just a little bit of encouragement in cases like these would make you a happy wife.

A young woman was being examined by a school board for place as teacher. In reply to the query:

"What is your position on whipping the children?"

She said: "My usual position is seated on a chair with the child held firmly across my knees, face downward." They were so delighted with the answer, that she was appointed immediately.

Life is reckoned by relationships. The things to which we stand related, the persons and the principles to which we are bound, are the things that develop character and establish personality.

A lady who was being sold out by the sheriff said that taking things as they come was not so trying an experience as parting with things as they go. No matter what one's trouble is, it might be worse.

Cigarette smoking is an intellect wrecker. The father who permit it in his boy may as well abandon hope of that boy's future. He is laying the axe at the root of the tree and employing the woodsman to do his work.

A small boy who lived with his aunt and grandma noticed that the regular black pepper shaker was filled with red pepper. This startled him, and, turning to his aunt, who sat next at the table, he said: "You better not eat any of that red pepper, Aunt Harriet; grandma says that red pepper kills ants."