

and savage men: the active customs of thinks he can teach almost everything remote peoples; diamond diggers at work else. But, in fact, even the scenes in the in the mines of South Africa; iourists jungles and the workshops will have to laboriously elimbing up the face of the different nations of the soldiers of or spoken, while the claborate reproductions of such historic events as Washing-forming evolutions; scenes in the streets and parks of the great cities of the great deal of explanation.



world: workmen of all kinds engaged And then there is the great world of in their tasks-one making a pin, another music, concerned not with sights but turning out a stepl rall; an engineer in with sounds. Perhaps Mr. Edison will his cab as the locomotive speeds on its supply phonographs to cover this ground, way, so that the onlocker seems to ac- But even so, there will remain many company him, and can study his every avenues by which knowledge finds its movement while he controls the mechan- way to the mind that will admit of no ion of the engines carpenters, masons, mechanical substitutes,

iron-workers, wire-stringers, divers, and Thousands of years ago Plato was quity steeple-jacks-all these things, scenes as well aware as we are today of the and persons are to be included, together supremacy of the eye in education, but with a thousand others, in the new he was also aware of what we should scheme of education through the ere. not forget-that human perfection de-The basis assumed is cound. The eye is the great educator. Look into the face all the human faculties.

Questions in Science

By EDGAR LUCIEN LARKIN

magnifying, the image of a planet is let i am within a hornets' next because I tor perpendicular in the notorious plate. This fixes the image, which can be magnified by a microscope.

one on a level plain and the other up the side of a mountain, pickets to be of explorers to the South Pole? A.-Lieutenant Shackleton followed the same size and at equal distances spart?? 198th meridian southward to latitude st Hurried and carclessly I replied both degrees 21 minutes, a point only I de-faces require the same number of pick- gree and 37 minutes from the actual pole. rences require the same number of pick- are and as ministes from no actual pole, ets, if they are at equal distances, same the and verticle. The Bes surely has a and the food supply gave out, so they circulation, for letters came pouring in had to return. This farthest point was elevating me to a high plane suddenly, reached on January 9, 160. saying I had made a mistake, I should

Q.-Will you kindly explain through have used the word perpendicular in the columns of The Bee why an obje speaking of the mountain fence; meaning is not lighter at the equator than at the that the pickets should be nalled on is a is not lighter at the equator than perpendicular to the bottom rail of the poles, owing to centrifugal force? A .-- A stone weighing 259 pounds fence-that is, at right angles thereto, and not vertically, which is the direction either pole would weigh 283 pounds at the equator on account of the action upon it of centrifugal tendency of the earth's assumed by a plumbline. Set a vertical post, nail a board to it at a right-angle. rotation. But the weighing must be made by springs, not scales using weights, as then the board is perpendicular to the but is minety degrees from the verthere would also be affected by the sar tical. The arms of a carpenter's square tendency in the same proportion as th are puerpendicular to each other, no stone. matter where it is in relation to a plumb-

line. Let a picket fence run up the steep side of a mountain, with pickets at equal distances spart; then, if they are perpendicular to the straight bottom rail. the number in one mile would be thé same as in one mile on a horizontal plane. But if the pickets in the fence on the mountains are vertical, their funber would be less than those on the plain below-greater signt, less pickets.

Q .- Has the experiment ever been tried Q.-Has the experiment ever been trees of focusing the image of Mars or other planets as seen through the eye piece of a telescope upon the object-glass of a misroscope? A.-The creptor of a telescope is a microscope. But for the purpose of again

Q-What is positive and negative ele

tricity? A .-- Electrons have been proved to by negative electricity, but positive electrons have not been isolated so far to sure demonstration. If they have, then no knows what electricity is.

Favorite Fiction.

"Angel Cake." "Conventue of Public Opinion." "Hasses Accurately Fitted by Mall." "Mamma's Good Little Boy Must Go to kep Now."



THERE ARE REAL EXCEPTIONS TO ALL RULES AND THIS IS ONE OF THE EXCEPTIONS.

were not as happing should be better conditions. Now when I go back to the society which used to satisfy me I feet as if I were on a desert island." Meanwhile there are many things which the club women need still to learn but not alone club women-club men as well. Not alone club men and women, but all men and women who are gifted in any way which calls them to be public instructors or entertainers. Once upon a time there was a special matinee, and, as usual on such occasions, the program was over-long. The list of entertainers was brilliant,	thought to heart. Consider your audience, and consider those who come after you. Boil down to a tich, creany consistency, whatever you have to offer as mental food for your listeners, and then skim it and boil it again before you serve it. And do not give encores if there are others who follow you and the hour is late. This is a sure way to become popular, (Copyright, 1912, by the American-
Little Bo	bbie's Pa
was this frend of Mister Gaymor, this Mister Epicktetus? I know who he was sed Pa, but I dilent know that he was a friend of Mister Gaynor. I have never in the second second second second second second second second second second second well, sed Ma, who was he? I will tell you, sed Pa. Epicktetus was a grate fillosofer in the good old days wen a man had a chanst to fillosofies A still mails enough to keep Mary 6 the children. If a man tried to fillosofies mow, Pa sed, thay wud talk his wife & child- rent to a hastitushun for the needy & thay wud send him to Bellovue. But it was different then, sed Pa. In them days thare was a lot of old sury like Socrates that was so busy thinking deep thoughts that thay dident have time to git a shave onst over in a hurry, seven. Hence the grass on the chin, Pa sed, busy them old timers thought grate thoughts, & Mister Epicktetus was one of the gratest thoughters. To you remember sum of his eppr- grams? sed Ma. I sure do, sed Pa, altho I do not like to resite eppryrams as a rule. I figure, of Da thas a concernent is sumthing	 If you cant give here anything else, give, be a blue eye. 3. A honest man is a liar with a good mamory. 4. A mayor is a man that walks to A from his business A who saves ten cents day from the street car peopul & wants to save milyuns for them. 5. There was a time wen our judges wants and the earth. Since I have say the save freeh, things is different. Well, sed Ma, I hoap you have done moot end of them expyrrams wich you have just spoke is a eppyrram of the like the result of late hours, sed Ma. Jet then the doorbell rang & I went to the door, & it was Miss Viola Veal. Miss the of the sounds more to me like the result of late hours, sed Ma. Jet then the doorbell rang & I went to the door, & it was Miss Viola Veal. Miss was the one that toald Ma about pictures, the freed of Mister Cayner. Husdand, sed Ma, this is a freed of Misser Gaynor & Mister Spicktetus, She Words, and Muster Spicktetus, She Wants to read you one of her porms. I shud be deelighted. Fa sed How risp & terse is 10? The karsy breef, sed Miss Veal: Envert is the save study of the set. Thus have the set is the set. The bar was the set is the set. The set is the free set miss Veal.

a musical comedy. But here is to tite sum of Mister Epicktetus's oppygrams: 1. Never explain. Yure friends do not equire explanations & yure enemys uddent bosleeve onc.



Most men who are shadowed by detectives are more or less shady. The man who is liberal with his sym-

pathy seldon hands out anything else. The man who makes good doem't sit 1. Give yure wife sumthing every week down and wait for his ship to come in

rote by a man who has been out too late you to cum to lunch with me sum day.