

The Bee's Home Magazine Pag Shall We See These Costumes Here?

> Some of the Gowns Seen at English Races, Showing the Creative Genius of the Modiste

By GARRETT P. SERVISS. of sand resting upon the slope was vi-Man and the slove as lives on seem both to be going the same way, toward. In the course of time the face of the monster under the earth.

An Explanation for Springs

and Roaring Sounds That Seem

to Issue from the Underground

Mysteries of Science and Nature

ready unmense reclons in northers Africa and central Asia, where vogetation once flourished and states and cities. arose, have been turned into deseicated expansion of Tolling. wind-driver mand. Unleas tremendous geologica upheavals should reshape the surface of the planet its atmos

a similar end.

earth will become a

vast sand heap Al-

suberic agencies will eventually disintegrate the rocks, wear away the mountains, level down the continents and fill up the sea basins, while at the same time, the oceans will disappear and ittle but subterranean water will remain. That is the most logical explanation of

what has overtaken the planet dars. The moon, too although the wrecks of its gigantic mountains yet remain. appears to have suffered a similar fate. lines, like saif-disinterred skeletons, of He former topographical features. If a great tempest should strike the moon, in clouds of blowing sand.

A world lives as long as it possesses sufficient variety, and dies when uniformity strifles it under the blanket of the sameness.

Sand is the very type of uniformity and monotony. This mental impression which sand makes is emphasized by some recent experiments of Dr. Baughan Cornish. In sifting desert sand he found that no less than 94 per cent of all its grains are retained by a sieve of 1-48inch mesh, while only 2 per cent are caught by a 1-21-inch mesh, and not more than 4 per cent are small enough to pursa through a 1-96-inch mesh.

The explanation lies in the long and constant rubbing together of the grains. which reduces all to one pattern, and has no mercy for individuality. The moral world presents a striking similitude. For centuries mankind has been slowly tendmanity and reduce it all to a single measure. In our time this tendency has been

brating in unlson. The puny voice of each particle would have been totally innodible, but millions of such voices, all united and accordant, shook the air as with the bellowing of some imprisoned This implied, as Prof. A. Mallock has remarked in commenting on the story.

thus each grain of sand was "doing the same thing, at the same time, to a conalderable depth." which could not have happened if they had not all been of ery nearly the same magnitude. The same explanation, it is believed applies to the mysterious noises that nany travelers have wondered at in the

sighborhood of Mount Sinsi, and which. for some, have greatly increased the superstitious awe with which that celeprated mountain is regarded

Where We Are Silly

By EDGAR LUCIEN LARKIN.

Thomas Jefferson, one of the fifty-one of the loaders of men and one of nature's masterpleces, wrote these words in July. 1790. He proposed to congress "to reduce every branch of the decimal ratio already established for coins, and thus Everywhere photography reveals unders bring the calculation of the principal afneath its vast plains and submerged out. fairs of life within the arithmetic of every man who can multiply and divide. After a lapse of 124 years the American people do the very obstinate thing of its face would disappear, swallowed up refusing. Our nation, the leading people of the earth, with an obdurary inexplicable, atill use pounds, ounces, grains, inches, fect, yards and miles.

> People that will say ten mills make one cent, ten cents one dime, ten dimes one dollar, will with the impulses of a mule say 427% grains make one ounce, avoirdupois; sixteen ounces make one pound 190 pounds one hundredweight, twenty hundredweight one ton.

Here is a mix of 4375 and sixteen with true decimals-10, 20, 100. No explanation has ever been offered. And here is a table of vagaries

Pounds Ounces Drachms Scruples Grains. I equals 12 96 198 5,760 I equals 16 256 7,600 The first line is apothecarles' weight

and the second avoirdupols. The standard troy weight, now authorized by the laws of England and copied in our laws, agrees with the apothecarles' weight in pounds, ounces and grains, but ing toward uniformity. Conquests, trade differs in divisions of the ounce, which and mechanical invention are the winds by the former scale contains twenty and waves which gradually triturate hu- pennyweights of twenty-four grains each, in pounds are agreed as to 5,760 grains. enormously accelerated by the advance but the avoirdupois pound contains 7,000 of science. Now all the civilized world grains; but they are troy grains, this dreases alike, cats alike, lives alike, jooks vagary having no grains of its own.

I have received a letter from a taur who writes: "Why should a man have to wheel his child through the city streets? Why should not his wife do it? It is most humiliating to a man to pass his friends while he is puching a baby cart. and to have to listen to their remarks. It is mirely a woman's duty, but I do not . 3.17 like to guarrel with HAN WITH MAS I ATT naking your opinion on the subject, for

which I will be very grateful What's the matter

with pushing the baby carriage as a respectable job for a famly mun? What is there about it to make a man binsh and hang his head in shame? I fail to baby an airing as it is here. see in it anything derogatory to masculine dignity. It seems to me that a men the baby's go-cart most of the time. Six with the perambulator is far more ad- days out of the seven she pushes it ahead mirable than the man with the autonic- of her whenever she takes her walks bile, and that it is better to take the abroad, just as she listens to the baby's baby joy riding than it is to take a crying and washes and dresses and cares chorus girl.

By DOROTHY DIX.

Who should push the perambulator

when a man and his wife and the baby

go out for a walk?

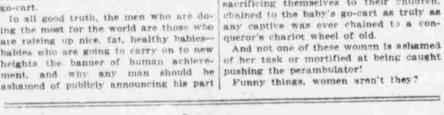
The man who thinks that de looks this being the case, it appears to be up ridiculous when he is seen taking the to the father to take his turn at the wheel baby out riding in his little go-cart would be filled with pride and vainglory at the death at being seen out in the company spectacle he presented tearing up the streets in a high-powered racing 'ar. Yet he is a million times more usefully and worthily employed in trunding the

haby wagon than he would be in smashing records and dodging the traific police in a gasoline wagon. And let me remind my correspondent

right here that trundling the baby cart may be the short cut to fame for him. For in these perambulators that unwilling fathers are pushing are the infants tain number of hours.

who are going to be the men and women who will do the big things of the future. The only job by which many a man will be remembered is that he used to wheel so-cart.

ing the most for the world are those who any captive was ever chained to a conare raising up nice, fat, healthy babies- queror's chariot wheel of old. bables who are going to carry on to new heights the banner of human achieve- of her task or mortified at being caught ment, and why any man should be pushing the perambulator!



of his own child. My correspondent is ashamed to be seen pushing a perambulator. I wonder if he ever passes through the residental part of the city between the hours of 10 and 4 o'clock. The streets are a baby block-There are hundreds of perambulators, each containing a rosy haby and

he gibes and mocking of fools.

of disgrave that they try to keep hidden

As for my corresponden's contention

that is a woman's duty to push the

much a father as a mother is a mother.

Of course the mother is harnessed to

for it seven days out of the week, and

occasionally, even if he is mortified to

it's just as much his business to give the

and out of sight as far as possible.

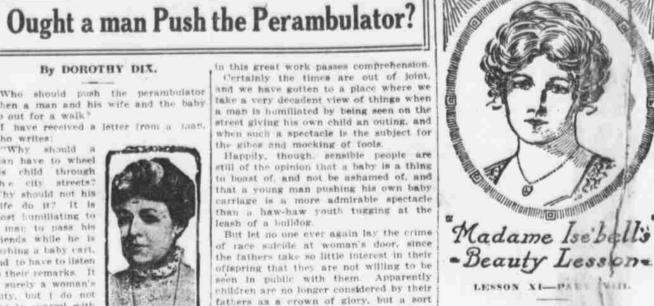
eash of a buildog.

each baby carriage rolled by some mother who has been told by her doctor that the baby must be kept in the air a cer-

On the shady side of the street in summer, in the lee of some sheltering building in winter, you will find these motoers footsore with walking, weary and bored some little Tommy Edison, or Teddy to death, sweltering with heat or shiver-Roosevelt, or Pippy Morgan about in his ing with cold, but faithfully and patiently sacrificing themselves to their children.

And not one of these women is ashamed





Physical Custner

Women who lead a sectents 's life, who are confined in an office or is hold room during the entire day, are is deriving a test for endurance that could forth a perambulator, that is as may be. To the dispassionate observers it would seem strain on the strongest consult ation. Such that, inasmuch as a father is just as a woman is in great used off esstematic physical exercise. If she can devote only ten to fifteen minutes twice a day to this, that is far better than denoring it. altogether, and I strongly advise such a worker to look carefully over the exercises I shall give in the next lesson. hoose those particularly directed to her needs, and practice them.

> I advise her also to walk, to and from her work, even if the distance is two or three miles If the distance is considerable, walk a part of the way. She cannot use her time to any better advantage and after a little perseverance she will find that the walk will refresh rather than tire her. If she walks to her office she will find that she enters on her work with a quickened intelligence, and the walk homeward at night will make the evening meal taste twice as good. It is also a pleasant break in the day's routine, causing her to forset its monotony and occasional unpleasantness.

To derive any benefit from walking however, the step must be light and elastic, the weight of the body swinging easily from one leg to snother. Hold the head erect, the chin well in as if a string were pulling from the middle of the head, lifting it skywards. Take care to breathe deeply and correctly, through the nose with the mouth closed, taking in long breaths and retaining them some time before exhaling. Begin by holding each breath while mking ten steps and gradually increase this until twenty steps may be taken in ove breath.

Walking is not a rapid reducing exer ise, but there is nothing better calculated to keep a person in good condition and to promote general case and health of the body. Lesson XI to be continued

mme Seifell

Advice to Lovelorn

Affection Always Proper.

By BRATRICE PAIRPAX

whike and thinks alike. It is becoming a vast heap of human sand. Some persons think that it is the manifest destiny of mass or weight here given. So great has think that it is the manifest destiny of man, and rejoice over it, and make a the United States has at great expense gospei of it.

It is interesting to look a little more employed hundreds of experts to work It is interesting to look a little more closely into the effects of uniformity as parlsons. But had the congress in 1790 perhaps, set a more vivid impression of the vive data by sand. In doing so we may, perhaps, set a more vivid impression of the vive data as law the recommendation of the vive data as the set of the vive data as the vive data as the set of the vive data as the set of the vive data as the set of the vive data as the vive data as the set of the vive data as the set of the vive data as the set of the vive data as the viv wise Jefferson at least 124 years of brainwhat the gospel of anti-individualism harassing labor would have been avoided. means. One would think that the custom house,

From time immemorial there has seen exchange and mint people would rise and a mysterious natural phenomenon, mani- demand plain "common sense" in weighfested in all parts of the world, which ing and measuring. Thus: The metric has excited either abject superstition or unit of weight is the kilogram; of length, puzzled wonder according to the mental the meter, and of capacity, the liter. makeup of various observers. It is a These are divided by tenths, hundredths phenomenon of sound. Along the sea- and thousandths, and multiplied by tens, shore it is called sometimes the "Barisal hundreds and thousands, in your heads, guns," sometimes "mistpoeffers," some- and no pencil and paper are needed. Liketimes "brontidi," according to the varying wise prices and "so much per."

languages of the people on whose coasts Inculcuable work could be entirely disits booming is heard in Egypt and other pensed with by the adoption of the sandy regions it is called "singing," or decimal system by the entire world. Many nations have so adopted by law. "vocal sands."

This last term betrays the explanation The good United States of America is of the mystery that science has discov- one of the few that have so enacted, but ered. All these strange sounds, even when the people still refuse to use the system they appear to be altogether subterra-This singuar fact has been commented nean, as in the case of the "Moodus upon by mentalists, and the only exnoises" in Connecticut, are believed to be planation is the fearful curse-habit due to vibrating sand, and they could not Ancient habits and customs are exces exist if the sand were not composed of gively hard to overcome. Note this fact of a law without a penalty; for if the grains of uniform size and shape. It is the voice of a crowd, which is United States had a law of imprisonment

powerful only because it is multitudinous | for all persons refusing to use the metric One of the clearest accounts of this system, then an era almost new in the phenomenon with which I am acquainted history of human progress would be here comes from a recent tourist of rational right away. montal habits who observed it in Egypt. While descending a slope of sand drifted make one inch, twelve inches make one see what senseless things humans will do ter. seminet a citff in the Nile valley, his feet started a little rill of sand flowing downward. Presently a wierd sound thrilled through the air. Quickly it became magnified, although the quantity of flowing sand was not greatly augmented, until it swelled into a veritable roar that seemed to issue from the ground. Then a close inspection showed that the entire mass

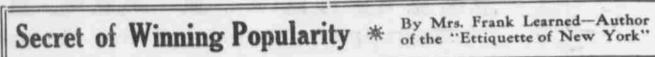


Soap, with an occasional light tion of Resinol Ointment, atés the skin, permits natural, besthy action, and rids the complexin of pimples, blackheads, Taness and roughness, quickly, a dly and at little cost. Feell Restual Scap and Res-For trial size of each, write testnol, Baltimore, Md. All dram

In lengths, volumes and areas the con-.

Here is a gown made to give the effect of an Indian shawl.

foot, three feet make one yard, five and when they look over hundreds of pages one-half yards one rod, perch or pole. of conflicting measures, used for thouforty rods one furlong, eight furlongs sands of years, even from Babylonian one mile, three miles one league, sixty- times, without change. Mind mystery 9 1-6 miles (nearly) one degree. deepans, for alienists see that man uses No wonder alienists are astonished to these measures long after he knows bet-Go to, now, and use sixteen sixteenths



By MRS. FRANK LEARNED.

chosen as friends. Insincerity and superficiality are casily observing conventional rules, but the essence of good manners is in a kindly heart.

Unless there is an absence of self-cenment there is failure.

[ful in showing little attentions, they less, unremembered acts of kindness and listen when anyone is speaking. They are of love" are the things which win the Many persons, in speaking of popular- good-natured toward tiresome people, most enduring fort of happiness for self,

ity and the way to be popular, seem to patient with uninteresting people. They do not treat the beautiful cerebegin at the wrong end of the subject. Their suggestions point to the acquiring mony of greeting in a perfunctory way. of good manners and pleasing ways for They offer the hand with a graceful sesthe mere sake of the personal gratifica- ture and give a smile and make some

tion of being admired, of gaining some- pleasant remark. It may be a commonplace speech, but they make it in a pleasthing for self. The idea is seldom advanced or im- ing way.

pressed that the true ethical reasons, the The very simple, social graces need to best motives for an aim toward being be practiced. A low, soft voice is more agreeable and thus winning popularity winning than a harsh, rasping tone. A are to be found in the desire to use one's few tactful words are more acceptable & I calm to a word that I dident know. I gifts, talents, good manners or accom- than a blunt, ungracious speech.

plishments as alds toward making the To understand others we must try to world a pleasanter place for those we throw ourselves into their interests, listen meet in it

to what they have to say, share with Those who aim for selfish popularity them in their joys as well as their troudo not deceive anyone. For a short time, bles. We must be truly sympathetic, try perhaps, they may have their own way. to imagine how others feel and to be or receive a large number of invitations, glad with them and not think we are to but very soon their vanity and egotism reserve sympathy only to be sorry for become apparent and they cease to be their sorrows.

There are countless little things of recognized. A mere polish, an outward venser in manner may be obtained by instant-the greetings, amenities, words

spoken as we meet each other.

and popularity with others.

I asked Pa the meaning of a word ast nite. I was reeding a story in the paiper shunary, Bobbie. asked Pa what is a Oboe.

How is the word used? sed Pa. aed.

Weil, sed Pa, I am surprised that boy of yure age doeant know what a Oboe is. A Oboe is a tramp, sed Pa. I dident know that tramps played, I and to Pa.

that tramps worked?

Doant tantalize Bobble, sed Ma, you won the bel. You shall have the hat, deer, and Pa, know very well that a Oboe is a musickal but I still think I am rite, I am going instrument I doant know anything of the kind, sod to call up Professor Von Hortig & find of cheer, comfort or encouragement Pa, & you doant know it eather. A Oboe out about this wonderful musickal in-

is a tramp, a idler, a son of rest. You strument. He knows all the instruments It is not by waiting for opportunities can see them along any of the railrode evver invented. Pa sed So he called up terodness there is no foundation on which to do great deeds or perform conspicuous tracks during these good old Wilson the German professor & after he asked to build popularity. The moment that a services that we win favor, affection or times. I saw ten yesterday. Thay was him what is a Oboe he sed Oh, is that so? person is greedy for rewards, that mo-popularity. Single acts of simple kind- sad Oboes, too. Every one of them toald I never heard of such an instrument.

Pa's face was kind of long. I guess I ness, done without a thought that they me that he had voted for Wilson. If we observe the truly popular per- might he helpful, have proved of greater I tell you, deer, sed Ma, that you have have lost the bet, he sed, but it only goes sons among our friends we discern the value than the things we have done with the words mixed up. A Oboe is a mu- to show that one sevver gets too old to secret of their charm. They are thought- care and preparation. The "little, name- sickal instrument, such as is used in lern. One thing about me, sed Pa, I am



And here is a creation on the left known as "The Balloon Dress," and one on the right with a lattice-work effect.

sum orkestrays. The word you are think- | always willing to admit that I am ng about that meens the saim as a tramp rong. Oh, yes, deer, sed Ma, you are willing is Hobo, sed Ma. It begins with a H.

I will bet you a new hat aggenst a to admit you are rong wen you have looked up the dickshunary & called up box of cigars, sed Pa. That is the essient bet in the world. & every member of the board of educashun

I will taik it, sed Ma. Get me the drok- a all the experts that you have a speeking acquain-tens with. Then you yeeld I got the dickshunary for Ma & she reddily enuff. By the way deer, I won't found that she was rite & Pa was rong, ask you to buy me a new hat, as I have

so many, we will change that bet & you The word Hobo wasent eeven in the & then the Oboes began playing, dickshunary, beekaus it is slang. Pa can buy me a dinner gown. No I wont, sed Pa. A bet is a bet & a

got kind of red in the face but he sed a that it must be the edditor of the dik- hat is a hat, & a Oboe is a Oboe. You will get a hat, a reesonabel priced hat, shunary made a mistake.

never knew a Scotchman to give in eeven Fa. & after this Bobble, sed Pa, wen you man is going to advance. Interest yourafter the proof is in black & white, rite want to know the meening of a word, ask self in healthy youth and don't let his Indeed, sed Pa, & wen did you hear in front of his noas. I suppose you arent yure Ma or look it up yureself.

going to get me the bat, now that I have

Dear Miss Fairfax: Please answer my many questions. If a young lady is en-gaged would it be proper for her to pro-fess fer love for the young man to whom she is engaged without his asking her if she loves him, or just what do you think would be necessary?

would be necessary to have place cards at a wedding dinner, and how would the wedding party be seated if the minister is present? How and where should parents be seated. L. M. X. When an engaged couple is alone affec-

tionate advances from either are entirely in keeping. It is not expected that lovers he always held in check by formalities and especially after they have plighted their troth by becoming formally engaged. At a wedding dinner or breakfast it is customary to seat the bride and groom at the head of the table with the bride parents at the foot. The wedding party is seated around the table with regard to congeniality. Place cards are not used. nor is a special seat required for the minister, although some give him the head of the table, with the bride and groom on either hand.

Try Again.

Try Agnia. Dear Miss Fairfax: Two days ago you published a letter of a young lady of 22 in love with a married man of 40. And now, here am 1, a single man of 40. And now, here am 1, a single man of 42, but feel, act and look that o fa man not over 30 and younger, looking for and trying to make the acquaintance of a young lady of about 25 with the view of matrimony. and have not yet succeeded. 1 have a steady posillon with Uncle Sam paying Moe per month. 1 am of good habits, use neither str and drink nor to-basis, use neither str and drink nor to-have been led to believe that she had some liking for me until the other day 1 wrote and malled her an invitation to so boating with me, but received no reoly. What can 1 do to win her or any other mice young lady? Regetfully. A. W. A. "Faint heart ne'er won fair lady," but

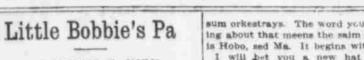
"Faint heart ne'er won fair lady," but the road to a woman's heart is not always open. However, be persistent, but not offensive in your attentions, and in time you will learn if the object of your love has any affection for you. When the right time comes, ask her in a manly way.

A Question of Efiquette.

Dear Miss Fairfax: 1 am 18 years old and in love with a man 65 years old. He has no money and only earns \$12 a week. I love him very deeply and want to marry him, but my people will not consent. HEARTBROKEN.

If you marry a man who is old enough to be your grandfather you will spend your life repenting this sad blunder. Twelve dollars a week may be enough for a young, vigorous man to start life That is the Scotch of it, sed Ma I & I will be with you wen you get it, sed on, but there is no hope that this old





By WILLIAM F. KIRK.