Theme: Jesus Christ; an Estimate.

mands.

lous. He measured true to divine de-

Truth triumphs. Sincerity

Investigation of His life finds

His action and speech in harmony

The measure of His conduct by His uttered ideals can find no flaw. He

is as He claims to be, and His glory is as the glory of the Father.

The Christ was a stalwart man. As the Anglo-Saxons had it, He was

a man who was "foundation-worthy

Fixed firm and constant the Christ was never guilty of deflection from

the strict, straight path of loyal duty. Full worthy was our Lord to be the

founder of a spiritual and moral ren-

world. Built strong and firm and true was He, upon whom the hopes

The Christ was a man of courage.

hearty is

He was a man of heart. Courage is

danger. Without a sign of fear or fright, our Lord defied the very

prince of the powers of darkness. Gallantiy, bravely, nobly He cleansed

His Father's house. How mightily He invelghed against the powers of

Palestine we may all attest. The Christ was not weak hearted. Hay

ing a work to do He did it with a will

conscious of the odds against Him,

Out in the open, despised, forsaken

even by His friends, trusting only in

the power of the truth. He battled ever on for human liberty. Bearing

upon His broken body the sins of an

evil world. He was yet courageous;

He had always heart. The Christ was

mination. He was a man'of resolu-tion. Having determined His sphere

and His call in life, He was resolved

ready to go to all lengths-that is to

say, to see the thing through to the finish. The Christ was true to His re-

solves, even unto an ignominious end. Having marked a clear line of duty,

He walked without swerving. Hear-ing the call of the dying world, He

had power of resistance, and He could not less well force the fight.

as the oak He stood against the storm. Keen as the tempered blade

He smote His adversaries. Were they wary He was more. Were they

subtle-He was shrewder. Did they lay a snare, He did but tangle all of

them in the meshes of their selected net. When they were most cautious than did the Christ confound them.

They smote Him and He did not flee

They showed him Caesar's image, but

He was not caught. They predicated

marriage in the heavenly country and

He pointed their mistake. They asked

of purpose and of will, as the Master was, He was yet the soul of sympa-

thy. Hating iniquity and scoring evil, He had yet a healing hand for men.

passion. He knew the sufferings of

ness when they lose their direction and begin to bend," runs a piece of

sterling wisdom. The Saviour had His bearings, and He kept the goal

in sight. For Him the straight way

was the surest, and He walked the

middle of the path of duty. The offer of a whole world's wealth could

not swerve Him from His course. "Get thee behind Me, devil," was the

motto of His life as He dealt with sin. His fidelity should be the fash-ion of our faith. His directness

should insure our real. His sympathy

should sustain our love toward men

and for God. His stalwart energy

His light. Our spirits should suffuse

What Titian and Corot and Turner

did for art; what Bach and Beethoven and Mendelssohn did for music; what

done for the conservation and the

and infinitely more, can Jesus do to-

ward the saving of a soul. Sturdy and stalwart and strong He stands

to-day the Saviour of the race, the incarnation of the Word. His ac-

tions are an open book, and he who runs may read. His words are mighty

unto life that is eternal, and he who

hears and heeds may live. The imi-tation of His character is the calling

of the Christian. The re-presenting of His strength, His power, purity and love is the sign of Christiy grace.

Men who wear allk or "stoveplpe"

hats know that the temperature in-

side the hat is much higher than

outside; but it has remained for

French physician to measure the dif-

ference. He has discovered that when

the thermometer registers ninety de-

grees in the shade in the outer air it

stands at one hundred and eight de-

grees in his silk hat, and that when

it is sixty-eight outside it is eighty-

eight inside. From these difference.

he concludes that the unnatural heat

causes many nervous diseases. Other

persons have supposed that the heat

A TRICK OF TIME.

hour of the day; tell him to deduct

it from twenty and remember the

remainder. You take out your watch

and inform him that you are going to

count around on the dial, and that

when you have counted the number

corresponding with the remainder

that he must remember, he must

Ask any person to think of some

of the hat made men bald.

Have you much or none?

conyson and all the lyric host

ulture of the minds of men.

Our lives should radiate

and sturdiness of soul should be

His love.

uman souls, and He preferred heal-

Men, like nails, lose their useful-

But sturdy and stalwart and strong

a sign and got not one.

ng and a rich release.

saw and conquered Calvary. The Christ was a sturdy man.

To be determined is to be

The Christ was a man of deter-

alssance that will overcome

of humanity are fixed.

full of heart.

He had no fear.

sound to the core.

Brooklyn, N. Y .- Preaching at the Irving Square Presbyterian Church on the theme, "Jesus Christ; an Eatimate," the Rev. Ira Wemmell Hen-derson, pastor, took as his text St. John 1:14: "And the Word was made flesh and dwelt among us."

The history of many lands and of many people through two thousand years is the record of the influence and the inspiration of Jesus Christ, upon the story of the world none has made a deeper impress, none has marked a richer fame. Born in a manger, His early acts almost unknown, a mere pittance of His royal wealth of mind and divinity of soul preserved to us to this day-and that pittance a storehouse of wisdom and eternal life-the character and the claims of Christ stand forth pre-eminent and predominant before world. Through every epoch and in every age the might and majesty of His life have been a force for uplift among nations, and a factor for righteousness in individual lives. Listening to the admonitions of the Saviour, rulers have learned the way Attending to the advice of the Master, many a sin-seared soul has entered into Heaven's haven and found safety in a sure salvation. Laying His hand upon womanhood, Christ has bid her rise. Speaking to the hearts of men, He has counseled justice, and has bid mankind be fair. To the statesman, to the craftsman the captains of industry and to the tillers of the soil, the words and the works and the life of Christ have been the measure of true manhood and the guarantee of His divinity Sent of Almighty God to be the Saviour of human kind. Jesus has taught every mortal how to live. Preaching no gospel of minutiae, our Lord has given unto us a rule of faith and practice that must revolutionize the world. Born into a world of caste, class and prejudice of birth, Christ taught the value and nobility of each and every soul. Finding pride to be more of account than purity, He de-manded cleanliness of heart. Finding hypocrisy to be far more prevalent than high-mindedness, He asserted the necessity for sanctity of soul Trusting in the assurance of divine guidance, and feeling the impulses of divine love, the Son of Man came to seek and to save that which was lost With sublime confidence in the in-vincibility of the right, and that truth must win, the Christ assailed and arraigned, with fearless fervor, all the host of spiritual wicked ones who prostituted to their own ends the holy places and the hallowed purof the Most High. sympathy for all the army of the earth's oppressed, He spread a loving arm about them all, and bade them \* take courage and have peace Knowing the beauty and the blessedness of holiness, and seeing the hideousness of sin, our Lord

human action, Jesus Christ stands to day, yesterday and forever as the Saviour of mankind. The incarnation and the revelation of the Father, He has preached and practiced that nobility of life that awakens within the human heart the recognition of His divine authority. Hearing His words of love and of light, and seeing His blameless life of beauty and of grace men have recognized in Him tha word from Heaven which shall sanc and save the world. Experiencing the inability of wisdom to re-veal Jehovah in His fullness, and longing for that preachment from on high which shall point the way to sal-vation and the perfect knowledge of our God, men have ever since the days of Christ knows in Him that power and ability which can save. "Words are good only when backed "Words are good only when backed up by deeds." Christ proclaimed His saving mission and His cleaning saving mission and His cle grace, and lived a life of love. tions speak louder than words." De-claring His integrity with God, the Lord of Life revealed, in outward act, an inner and diviner grace. Urging the need for purity, He was pure; stating the nobility of righteousness, He was just; standing firm for holi ness and for sanctity of life, He never strayed from God; a counselor o loveliness. He was patient and kind and true; persuading men to godli-ness, and dissuading human souls from sin, the Christ ever exemplified in His own career that goody and sin less life that His promises inspire.

yearned that men should experience and know the joy and glory of the

First and foremost in the world of

Father's favor.

Christ as the Saviour is supreme. Of imitators He has many, and of To be the savior world from sin, a man must have within his soul the fullness of divin mankind as the revelation of the Father and the healer of the race, man must show forth in act the hidden, inner power. The Christ rings true. The melodies of Heaven peal through His words. He speaks lot we hear eternal truth. He and the very manner is divine. We listen and we see. Our hearts re-We take Him at His word, ove His power. We trust His and prove His power. promise, and we imitate His life Christian experience sustains Him. is tudeed a Saviour. He is in truth the way and the life.

Revelation is information. To reveal is to disclose. To inform is to disclose facts which were before unknown to those who may give Disclosure is an uncovering. C the Revealer has disclosed to man hat is the character of God, not only by the words He spoke, but also by the life He lived. He has taken the well away and informed us of the as of the glory of Jehovah as revealed to us not only what God is, but also what man should be. Christ has revealed to us the low

ing Father of each of us in our God. The Fatherhy of is individual and not alone racial. Sonship is no mere matter of nationality, but is rather the victory of perschality. Salvation bottom is not political, but per-mal; not social, but individual, brough the individual recognition the obligation of souship is na ial salvation assured. The agree donal salvation assured. The agreement of sanctified personalities to
serve God, and that well, is the basis
and the beginning of social deliveracce from the bondage of sin. God
a the Father of Israelites first, and
through them of Israel. His leve is
the heritage of every heart and not
lone the portion of the priests. His
grace will lift all man to grary and
through them the State.

The power of Jesus Christ in the
morid to-day is due to the fact that,
the His capacity of Beyealer and Say-

INTERNATIONAL LESSON COM-MENTS FOR JANUARY 6 BY THE REV. I. W. HENDERSON.

THE SUNDAY SCHOOL

Subject: God the Creator. Gen. 1: 1-25-Golden Text, Gen. 1:1-Memory Verses, 1 to 3-Commentary.

Whatever may be our opinion as to the historicity of the story which is the subject of this lesson, upon mands. Truth triumphs. Sincertly counts. To straddle is unsafe. In spiritual power is the greatest strength. The straight way is the safe way. Principle is potent to gain respect. Sham and shoddy are soon discovered. Christ claimed divinity, and He lived a godiy life. He insisted that His was the way unto life eternal, and we know He spoke the truth. Investigation of His life finds this we are all agreed: that the beau-tiful word picture which so simply tells the story of God's creative work in the days of the infancy of the world states the central, ultimate and greatest fact of the universe of In the beginning God created the heaven and the earth. Twenty-five times in the first twenty-five Twentyverses is the name of God used. What a sublime, what a scientific, what a philosophic record this is. If it an allegory it is the profoundest alle-gory that the world has ever read. These twenty-five verses reveal God, firstly, as a fact in the earliest his-tory of the universe: "in the begin-ning God." Secondly, they reveal God as a creative force—"in the be-ginning God created." Thirdly, they reveal God as a creative personality — "and God said," "and God saw," and God made

The fact of God is the ultimate statement of the wisest and the most searching philosophy. Whether we call God a force, an energy, a creating power or a personality, we must, in sound sense and as the result of universal experience, admit Him as a fact. This lesson presents God, secondly, as we have seen, as a creative force. Out of chaos, by the ex-To be hearty is to be ercise of His own will, God created the world. But the Genesis story defineates God to us as something ore than a mere creative force. It takes us into the realm of the per nality of God and it introduces us to a Creator who speaks, who sees, who thinks, who wills. And it gives to us a God who is a creative personal-

is noticeable also, as in the eighteenth verse, that Genesis gives to us a photograph of a God who is possessed of moral attributes—"and God saw that it was good." A God without moral capacity would be un-able to make a moral distinction as good and bad. A God who know the right, and who between good and bad. failed to exercise righteonsness, would be unable to distinguish moral worth either in His own actions or in

The Genesia record despite all difference of opinion as between theo-logical schools will be forever, as it has been and is to-day, the simplest, most easily understood, as well as a profoundly philosophic, statement of of a personal, moral, creative God.

This we should not forget, this we should not fall to force home upon the attention of all students of the Scripture. Inescapeably this lesson Born with antipathy to evil, He stood against ain firmly. Seeing the inhu-manity of mankind to man, He forced teaches the fact of God. the issue, and He flayed, with burn-ing words, the evil of His day. Strong

The following notes may be found to be of value:

'In (the) beginning." No article in Hebrew is given. But it is here properly supplied. The first tells in general language what The rest of the verses particularize from this generalization.
"Created." This is a special term for the new and unique. It does not

of necessity imply creation from nothing. God likely in the idea of the writer is conceived as beginning with primeval chaos. The writer does not go back further than that. But either view may be held from the context. That is to say, there is reason to believe either that God is pictured as making the world out of nothing or out of formless matter. Vs. 2. "Without form and void.

The R. V. gives "waste and void." These two words represent our

Disdaining sin, His heart held pity for the sinner. Crucified by wicked-ness, He could yet pray mercy for His persecutors. His was the sympathy that cured. His was the tenderness that touched. Filled with divine com-"Deep." Primeval abyss.
"Moved upon." R. V. "was brood-Moved upon." R. V. "was brown."

Moved upon." This word suggests a ing upon." This generative process. Vs. 2. "Said." God's word is absolute. Thus the words of a god were considered in that day to be

Not the sun, moon, "Light." stars, etc., but generic light, cosmic light There was light." A creative act

of God. It was a definite act and not a mere emanation from God. Vs. 4. "Divided." A further picturing of the act of God in bringing

chaos into shape. Vs. 5. "Called—day." The name God gave it is important. Names were very important among the early Jews. They never mentioned the real name of God. They used the symbols, but they used a different word having the same consonantal

word having the same symbols to designate Him. "Evening—morning." The Jews reckoned from the evening in counting the hours of their day. That may explain the context. R. V. And was evening and there was morning, one day.

This author thought of a day in the narrow use of the word. This does not prevent us holding to an evolutionary theory of creation if we so are impressed by scientific knowledge. The writer of this story is not relating scientific, but relig ious truth. He is porting to the fact of God.

Va. 6. "Firmament, expanse, Vs. 1. "Grass," general vegetation. Herb," grain. Vs. 14. "Lights, sun, moon and

Subdivisions of the light of stars. "Signs," astronomical. "Fowl," birds, insects, flying things. Vs. 21. 'Whales," sea monsters.

Vs. 24. "Beast," wild beasts; 'cattle," domestic animals; "creeping things," reptiler.

Ready For the Raid.

Mrs. Sarah Platt Decker, of Denver, said recently that all men, as soon as they had acquired a moderate fortune, should retire from business and devote their lives to the State. "Then," said Mrs. Decker, ampli-

fying her views the other day, "politics would be pure. Then there would be no graft in public contracts. vote would count. There would be no graft-protected crime. "As to graft-protected crime, have

you heard the latest? "A police captain was about to raid a gambling den. At midnight, taking his place at the head of a squad of stalwart men, he looked them over clausly and then said to his lieuten-

"Is everything in readiness for this raid?"

'Yes, sir,' replied the lieutenant saluting. 'Our arms are in first-class order, here are the reports, there are the flashlight camera men, and I no-tified the proprietor of the place this afternoon. "—Philadelphia Bulletin,

EPWORTH LEAGUE LESSONS GOOD ROADS. SUNDAY, JANUARY 6.

legret Communion With God .- Matt.

6. 6.

Passages for reference: Gen. 32, 24

29; 2 Kings 4, 33-37; Matt. 14, 23;

When Jesus gave the disciples the first principles of his kingdom in the Sermon on the Mount, among other

the subject of prayer. In Matt. 6.6 he tells them that the truest prayer

is in the secret place alone with the Father-no ear but that of Him

whose eye has seen all we have done and who knows our motives, as well

as the things we do and the things

we ask for. At Peniel, as recorded in Gen. 32, 24-31, is the place where

Jacob met God face to face and learn-

ed that the promises were to be ful

filled to him through God's mercy,

and not because of his own cunning

brook Jabbok, his nature was so changed that the wily supplanter be-

God and man. When Elisha would

gain a victory over death in behalf

of the son of the Shunammite woman

he shuts himself away from even the

anxious mother, alone with his task and his God. Full of suggestion for

us is the conduct of our great Exemplar when "he sent the multi-

tudes away, and went up into a moun-

tain apart to pray; and when the

alone." The wilderness campaign was fought and won by him alone,

and Gethsemane settled the conflict

as alone with God he said, "Thy will,

not mine, by done."

Secret co. munion with God is the

secret of power in life. It is then

that we learn his will for us, and catch inspiration for the performance

of our tasks. The hiding of his pow-

business of my life has to do with

hlm. My innermost life concerns him

right to enter its mysteries. In the

secret place I get direction for my

kingdom of God are the ones that get

the secret place. Public prayer, with

all its benefits, cannot meet the de-

Watch" are a quiet room—closed doors—a man—God—between them

The Book. The heart is lifted in prayer for the Spirit to interpret the

thinks long enough on what it says to hear God's voice. Meditation brings

alone with nature gets God's truth

out of nature for the needs of the

CHRISTIAN ENDEAVOR NOTES

JANUARY SIXTH

Beginning With God, and Continuing

With Him .- Gen. 1:1; John 1:1-

14: 15: 4-7.

time create a new day for you, er a

"In the beginning-God" will at any

If you allow nothing to enter you

ife except what God has made, this

year will be for you as great a suc

There is this infinite difference be

ween the natural world and the

spiritual world within you, that the

one does not know its Creator, and

You want to grow this year. There

If you begin with God, it is not cer

tain that you will continue with Him;

but if you do not begin with Him, it

s certain that you will not continue

There is nothing which God gives

"It is the first step that costs," and

us so freely as time. Should we not

it begins at once to pay good inter-

The man who looks ahead is the

Illustrations.

If your life is not parallel with the right, the farther it goes from the

beginning, the farther it is from the

A foundation is good or bad, not

Morning starts are inspiring, but

evening starts are depressing. Begin

The sooner you deposit your life in the Bank of Heaven, the larger divi-

Questions.

What do I want to carry over from

What has been the result with other

What are some of the things I wish

It is reported from Paris that

Prof. Behring has discovered a new

method of sterilizing milk, without

boiling it or destroying any of its

essential principles. The method is

German perphydrol, simply oxy-

this substance is sufficient to destroy

all noxious germs. Milk thus steril-

ized can be kept a long time, and in

cannot be drunk until it has been

gently warmed and a drop of a cata-

lytic substance added. Dr. Behring

has proved that light has a very

harmful effect on milk, whether ster-

ilized hot or cold, and he recom-

dark place or in red or green bottles.

Appropriate Vehicle.

and luxurious hotel. She knew that

well appointed equipages of many sorts were to be had, and proposed

to show that she knew what was suit-

rich's valet one afternoon, with great

dignity, 'I am going to return some

calls this afternoon, and you may go to the stable and tell them to send

up the best cart-de-visit they have."

'Chawles," she said to Mr. New

able for each occasion

Mrs. Newrich lived in an expensive

beginnings when I did not make them

only for itself, but for every brick in

Sugges

as freely give it to Him?

man who gets ahead.

the building above it.

dends will you draw.

the last year into this?

early with God.

with God?

this year?

only one way; live in Him who

cess as God's natural world.

created growth.

with Hlm

right.

God speaks through the Book.

God's truth for the soul.

Man looks into the Book, and

and man together in the Book

Man alone with the Book gets

The essentials of the "Morning

In touch with the current of power

mands of the individual soul.

Men of power in the

The

Man

er is found in the secret place.

and myself. No one else has

personal life.

evening was come he was

ame the prince who had power with

or power.

Alone with God

things he gave them instruction

Luke 22, 41-43; John 1, 48,

Roads and the Automobile Bicycles did not a little toward creating a general appreciation and desire for good roads, and they would have done more had it not been for the mysterious blight which fell upon the popularity of those very able little machines just when they seemed about to become an es sential and permanent part of civilized life. But the task which the bicycle only began the more efficient automobile has taken up, and now It really looks as if a long-standing disgrace to the country, the condition of its roads, was soon to receive serious consideration. Of course, it needs nothing else to be remedied. for the question of good roads is one with only a single side, and when the arguments are heard actions must be

taken. would be a mistake to assume that the automobilists are more interested in the improvement of highways than other people. The farmera, for instance, suffer much more, in pocket at least, from bad roads than do the automobilists, but both the expense and the personal inconvenience fall so directly upon the automobilists that the latter moved to "do something," while the farmer can and does forget how rapidly bad roads wear out his horses and his wagons, and he has not been taught to number the hauling of big loads with a small expenditure of energy among the possibilities of his

Even for the automobilist good roads have some advantages to which he has paid little or no attention. He knows what a difference it makes to the machine he now has whether highway grades are easy or steep. and whether the road surface is smooth and hard or rough and soft. but It has not been noted by many of the fraternity that it is the lowpower machine that profits most by good roads-that is turned by them from an unsatisfactory vehicle, frequently stalled and barred from many routes, into one in many ways as efficient for practical purposes as the big cars. And low power means a comparatively small original invest ment, simpler engines, smaller consumption of fuel, and a marked de crease in bills for repairs.

Good roads would therefore enor mously increase the number of peo ple who could afford to have auto mobiles-of people, therefore who would buy and use them. And it would be much for the advantage, even of those to whom the cost of the best of the present machines is not prohibitive, if machines much less expensive could come into something like common use. The greater the number of automobilists the less are they a "class" to be viewed enviously and hostilely and the less will they be bothered by needless and irritating regulations .- New York Times.

Road to Adirondacks.

A preliminary survey has ween made for macadamized roads, such as are built by the State, through the heart of the Adirondacks from Old Forge to Blue Mountain. The general plan proposes that the road shall start from New York City, proceed thence to Albany, to Utica, Remsen Old Forge and Fourth Lake. The road will then follow the northern shores of Sixth, Seventh and Elghth lakes to Blue Mountain.

The scheme is to return by way of North Creek to some point on Lake George, and thence to Albany and New York, the starting point. The circuit will include all of the Fulton chain of lakes and nearly all the Adirondack and other resorts en route. It is said that this improved highway will be built from the \$50. 000,000 fund recently voted by the State for highway improvements and new State roads. There will be comparatively little to do in the way of new road building between Utica and New York, as much of that distance has already been covered by the State, but the improvement along this stretch will be extensive. The road from Utica to Old Forge will be improved by widening and macadamiz-Then through the Adirondack Mountains, where the course follows the highway, the road will be im proved, but for the most part the road will be new .- Utica (N. Y.) Correspondence of The Automobile.

Improving Highways.

Massachusetts is maintaining her very enviable reputation of progresgiveness by adopting a policy of improving the State highways by means of shade tree planting. During the past year, according to a recent report of the Massachusetts Highway have accomplished by the end of Commission over 3200 trees were planted along the various State roads the varieties being restricted principally to Norway, white and sugar maples and a considerable portion of the different kinds of native elms.

Vaporizing Iron.

based on the powerful qualities of Henri Moissan, the French chemist, has recently continued his ex genated. One gramme per liter of periments in the distillation, with the 'electric arc, of various metals and metalloids. He concludes, as the result of these researches, that there not injured by transportation, but exists no known substances which cannot be distilled in our laboratories. The ebullition of iron is very difficult to produce, yet Moissan ha distilled 400 grams of Iron in twenty minutes with an electric current of 1000 amperes at a pressure of 110 mends that it should be kept in a volts. In all cases the vapors of the metals condense in the form of a crystalline dust, possessing all the chemical properties of those metals when reduced to the form of powder Moissan's experiments throw ligh on the probable temperature of the sun, where iron and the other chemical elements exist in the state of vapor. The maximum temperature of the electric are is about 3500 degrees Centigrade. But, owing to the greater pressure produced gravitation on the sun, it is probable that the temperature of ebuilition of the elements there is higher than on

DACE RETWEEN TRAINS

Neither of the Engineers Heeded the "Broke in Two" Signal.

The following story was told last week by J. D. McNamara, assistant neral passenger agent of the Wabash Railroad:

"From Clark to Mexico, Mo., our line runs almost parallel with that of the Alton. The distance is about twenty miles. It is open country and the grades are light. The 'going' is good and trains race with each other often as occasion offers,

"One day two long freight trains one on each road, reached Clark about together. A race, of course, was in order. Passing Centralia the partly Wabash engineer turned around in his cab and noting that the Alten man was minus a portion of his train gave a 'broke in two whistle signal for the information of his rival. The Alton man, hearing the signar himself, turned in his seat and observing that the Wabash train was considerably shorter than when the race began he pulled the throttle open a notch or two more and smiled as he looked forward to winning the contest. As the speed of the Wabash train continued to increase the Alton man in a spirit of banter gave with his whistle the 'broke in two' signal As there was no apparent effort made

to stop the signal was repeated. "Again and again was the signal given by the racing enginemen. "At length Mexico was reached

both trains arriving there at the same time, each engineer laughing at the joke he would have on his competitor when the break would be covered. As soon as he stopped at the Mexico water tank the Alton man called across the right of way: far you goin' without your

tail lights?" The Wabash man, observing for

the first time his own predicament,

"Gosh! but I thought you was whistlin' for your own hind end.'
"Ditto, Bud!' exclaimed he of the Chicago and Alton, as he noticed regretfully that about two-thirds of his own train was absent" -Kansas City Times.

WORDS OF WISDOM

The avenue of escape is a popular thoroughfare.

Schools for scandal seem to be badly overcrowded. Once in a great while a cook gets

contrary and refuses to quit. A child's first impression is usually made by the paternal slipper. If a man is easily bought, it's dif-

ficult to make him stay bought. A man seldom prays that his friends may be saved from him.

Old bachelors are men who have given marriage a serious thought. Ever notice how polite the average man is when he has something to

Some men are so mean that they even refuse to let their wives have the last word.

It's difficult for a woman to make a dollar go farther than the nearest bargain counter

Some men cling to single blessedness because they consider it the lesser of two evils

A baby is about the only precious thing a woman possesses that doesn't excite the envy of other women.

There may be sufficient money in circulation, but it's sometimes difficult to induce it to circulate our way.

Every woman is firmly convinced that she earns the money every time she purchases a dollar article for ninety-eight cents.

One of the things a conceited youth can't understand is how any girl can be so foolish as to turn him down for some other chap.-From "Pointed Paragraphs" in the Chicago Dally News.

The Great "Fault."

One of the most interesting and suggestive articles on the subject of earthquakes that has appeared since the great California disaster is contributed to Harper's Weekly by Herman Whitaker. It is called "The Fault," and traces the visible cause of the California earthquake from the point at which it comes out of the Pacific Ocean in the vicinity of Point Arena, 120 miles north of San Francisco, until it disappears at San Juan, 225 miles farther down the The dictionaries define a 'fault" as "a severing of the con tinuity of a body of rock by a break through the mass, attended by a movement on one side or the other the break . . Occasioned by movements of the crust of the earth. The great fault of April 18, says Mr Whitaker, "was the most stupendous in history, exceeding by four times the length of the fault in the great Japanese earthquake of 1891." Whitaker followed the line of the fault down the coast, taking a camera with him; and he tells with vivid picturesqueness of the freakish and widespread destruction wrought throughout its length. It split and rent the earth, rearranged the con formation of the coast, threw dams and roadways many feet out of plumb, flung railroad trains about as if they had been children's toys, and uprooted great forest trees six feet in diameter. Mr. Whitaker's article is lilustrated with remarkable photographs.

Living on Air. A very distinct advantage about motoring is that it does not give one an appetite. Most open-air exercise sends one home as hungry as a hunter; and if one cats largely in these days of strict regime and restricted diet, all sorts of terrible things are sure to happen—at least are promised by the doctor. It is pointed out in a daily contemporary that while all the good effects of working up an appetite are produced by a long drive appetite are produced by a long drive in a motor, yet the amount of food re-quired to satisfy what seems to be one's huge hunger is actually very small. The air itself feeds one, and air neither upsets one's digestive ap-paratus nor does it supply one with adipose tissue.—London World. Popular Science

The proposal to transmit electricto Pretoria and Johannesburg is taking shape, and a first issue of capital will, it is said, be announced within the next few weeks. The distance from the Falls to the Rand as the crow files is 600 miles, but it will be necessary to make deviations that will increase the distance to be covered to nearly 700 miles. The ex-traordinary pressure of 150,000 volts s proposed. At the outset provision is to be made for 30,000 horse power, but this may be increased as necessity arises.

According to Dr. P. Marchal, some insects are as fond of eggs for food as human beings are. He has observed that a hymenopterous insect, Tetrastichus xauthomelananos, has made a practice of sucking the eggs of the elm beetle. It first perforates them with a small hole, and then swallows the contents. Afterward the tetrastichus utilizes the empty egg shell by depositing its own eggs within. It might be supposed that the primary object of the operation was that implied by the last statement, but Dr. Marchal is confident that the eating of the egg is a no less important motive.

Every summer several astronomers visit the Janssen Observatory on the extreme summit of Mont Blanc to take advantage of its great sittitude, which favors the study of solar phenomena. At present another effort is being made there to photograph the sun's corona without an eclipse. The observatory is remarkable for having its foundations laid in hard packed snow. The builders found it impracticable to reach the underlying rock. At a recent meeting of the Academy of Sciences in Paris, Monsleur Janssen announced that the measurements of level executed in 1904 and 1906 showed that during that interval the observatory had not appreciably shifted in position.

Gas mounds is a popular name in Texas for the low, circular eminences. averaging twenty feet in diameter and two feet in height, which abound in forest and prairie regions in Louisiana, Texas, Southern Arkansas and the Indian Territory. On the supposition that the mounds have been raised by ascending gas from subterranean oil pools, they are regarded as indicating oil beneath. Robert T. Hill, the geologist, who has examined the mounds, disputes this theory of their origin. They occur in many districts where not the least sign of oil or gas has been discovered. Mr. Hill thinks that they owe their existence mainly to unequal settling of the ground in poorly drained areas subjected to abundant periodic rain fall.

Some curious researches have recently been made by French army surgeons on the relationship between good eyesight and good target practice. At first glance one would say that the two things must invariably depend the one upon the other. But the facts lead to a different conclusion. At least they show that one may have very defective eyesight and yet be a very accurate marksman. Astigmatism, myopia and other defects of vision may exist in a marked degree without destroying the abilty to aim and shoot straight. In the French and German armies solliers are permited to shoot from the right or the left shoulder, according to their own preference, which is ofen guided by the superiority of one eye over the other. Accuracy of judgment counts for as much as acuteness of vision with the good marksman.

EVEN HEAT IN TEMPERING.

A Fluid Bath and Electric Furnace to Supply It.

In the process of annealing and tempering steel it is desired to control the heat, which is applied with great precision. If the temperature is too high, too low, or too fluctuating the object under treatment may be ruined. To produce the best re sults in hardening tools for high speed cutting, or gears or pinions, a continuous heat of 2340 degrees Farenhelt must be maintained for a considerable time. The old methods of securing this directly, with gas or presented difficulties which coke. made them highly objectionable. One of the recent attempts to improve on them is described in the London

Standard. An English company is introducing an electric furnace to do the work. In this apparatus a metallic salt or mixture is brought into a molten condition by means of an electric current passing through it, thus providing a bath in to which the pieces of metal to be heated are placed. The electric current flows through every part of the bath and the tool alike, thus insuring a perfect uniform heating. By simply regulating the current it is possible to attain any temperature between 1350 and 2380 Farenhelt. The furnace consists of a fireproof rectangular tank for holding the salt bath, which is built into fireproof cement contained in an iron box.

The temperature is regulated by a switch. The furnace, when cold, can be brought to a white heat in about half an hour, and the makers assert that the cost of operation is very reasonable. The exactness with which it can be controlled will appeal to chose engineers who are desirous of turning out only the best work.

Makers of Empire

The British empire is built upon entineering achievement. The fab-ceation and perfection of firearms and heavy ordnance, of great lighting ships and speedy mercantile vessels, and the wholesale use of steam power in other spheres, have placed Great Britain where it is to-day, poli-tical intrigue and diplomatic dis-agreements notwithstanding. Without the engineer this vast over-us empire of ours could not have come into existence.—London Electrician.