

Student Name: _____ ID: _____

District: _____ School Year: _____

School: _____ Class: _____

Month	1:				2:				3:			
Week	1	2	3	4	1	2	3	4	1	2	3	4
Assessment Date												
Form Given												
Number Correct												
Number Incorrect												
Adjusted Score												

Month	4:				5:				6:			
Week	1	2	3	4	1	2	3	4	1	2	3	4
Assessment Date												
Form Given												
Number Correct												
Number Incorrect												
Adjusted Score												

Forms Given: DIBELS 8th Edition goals use equating so it is important to know the forms given. Write the form identifier in the space above each score. For example -7.1, 7.2, 7.3, 7.4, 7.5, 7.6

Calculated Scores: If not using a Data System, calculated scores can be computed manually and recorded above.

$$\text{Maze Adjusted Score} = \text{Number Correct} - (0.5 \times \text{Number Incorrect})$$

Month	7:				8:				9:			
Week	1	2	3	4	1	2	3	4	1	2	3	4
Assessment Date												
Form Given												
Number Correct												
Number Incorrect												
Adjusted Score												

Month	10:				11:				12:			
Week	1	2	3	4	1	2	3	4	1	2	3	4
Assessment Date												
Form Given												
Number Correct												
Number Incorrect												
Adjusted Score												

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Calculated Scores: If not using a Data System, calculated scores can be computed manually and recorded above.
 Maze Adjusted Score = Number Correct - (0.5 x Number Incorrect)

Name: _____

Date: _____

Practice Passage

Tom goes to a school far from his house. Every morning, he takes a school

art
bus
work

 to go to school. In the

afternoon
library
morning

, he also takes a bus home.



Correct: _____

Incorrect: _____

Adjusted Score: _____

How to Win an Argument

Who doesn't love to win an argument? Being correct feels tremendous! However,

winning an in of argument takes special ability and the double louder proper methods.

First, it's important to realize more stop that you won't win every argument. Sometimes

it my you will be correct, but you won't aim be go successful. To win an argument you need speak write

to know who it is you are can try arguing against. Arguing with your parents by it or teachers is

mostly ineffective because the adult other teen can always just say something like, "Again Because I Until

say so," or, "That's just for how who it is." When you hear either by in of these phrases, it's time to

away toward with walk . You can't win.

Second, you need at in to know the difference between facts and opinions papers stories . Facts

are indisputable pieces of information. Can For With example, ice cream is cold. That as by is

Keep going 

factual because coldness is its defining color
feature
picture . Opinions are personal preferences about

things. For
On example, you may think that chocolate cow
With ice cream is best. That is an
pen

apple
illness because other people can have a confident
opinion different favorite flavor. If you plan to
majestic

ask
have an argument about opinions, plan to fall
take lose .
trip

Third, once you've decided to win her
their argument with facts, make sure that
your

my
our have them all ready in your car
you mind . Make sure all the facts are boxed
related and in
twisted

the proper sequence. It calms
helps to state your claim upfront and about
tries then support this claim
where

with all your colors
facts , starting with the least important and ending
songs spinning with the most
waiting

important.

Fourth, have a
it plan to counter any objection that mine
on their opponent makes. This
your

Keep going 

requires specific skills, **better** **most** **some** importantly the skill of anticipating possible

lightings **objections** **passages** . But make sure to counter the **direction** **objection** **regulation** rather than insulting the person.

Also, **attack** **point** **stare** exactly what your opponent says. Do **for** **not** **out** first paraphrase your opponent's

argument in **like** **such** **with** a way that it becomes weaker **and** **by** **let** therefore easier to refute.

When you **admit** **confuse** **insult** the person making the argument rather **than** **under** **while** countering

with a reasoned objection, you **commit** **open** **return** the logical fallacy known as arguing **against** **between** **under**

the person. When you paraphrase or **conduct** **restate** **suspend** your opponent's argument in such a **book** **path** **way**

as to make it seem weak **any** **by** **or** ridiculous and then attack that weaker **chapter** **program** **version** rather

than what they are truly **running** **saying** **walking** , you commit the logical fallacy known **as** **for** **it** arguing

against a straw man. These **abstracted** **terrified** **unjustified** ways of arguing are logical fallacies, **and** **next** **with** if

Keep going 

you have some experience engaging in on up systematic arguments and debates, you will

confuse
recognize them instantly.
sensitize

Many other logical fallacies become exist take, and it is useful to learn anywhere besides something about

these fallacies so that you are do see not get taken by surprise when against neither someone points out that

you are using and one the of them in an argument. For example model statement, there is the fallacy of

appealing for in to an outside authority rather than constructing her their your own careful argument.

This usually takes come the while form of saying that because such and more the such a person says

something must act be get so, it must in fact be exactly quietly swiftly that way. Another fallacy is the

circular extreme thinkable argument, which merely repeats a belief for who you already hold. This fallacy

might take the with your form of saying that chocolate ice butter cream plate is objectively best because

Keep going 

you yourself believe
happen
thought to like it best.

Once you have
keep
take gathered your facts and are prepared for
now
to argue, be confident.

When you've won, they
we
you can smile and walk away victorious. And
By
For if you don't win,

that's okay and
the
too . Winning isn't everything.



Name: _____

Date: _____

Practice Passage

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Correct: _____

Incorrect: _____

Adjusted Score: _____

Metal Eating Plants

Everybody knows that plants draw up water from their roots and use the sun to make food through photosynthesis. Some of you may even be aware known seen that a few plants, like the Venus Fly Trap, attract raise throw and then eat insects for food. But For One have you ever heard of a light plant truck that eats metal? This is not machine planet science fiction. Such plants do actually exist at in the

nature. They are called “hyper-accumulators.”

The genes labs plans for eating metal are found in even more some than five hundred plant species all along over toward the planet earth. These plants absorb gears metal plants from the soil, along with water, behind except through their roots. The metal is transported by for the proteins and gets stored in their purse store tissue . Aluminum, iron, and zinc are some in of up the metals that plants can absorb. These With Your plants can take in levels of dirt metal wood that would be toxic to other floors mugs plants and to

Keep going 

most animals. In fact, **angry** **cold** **toxic** metals may actually be helpful to **her** **it** **the** plant. Why? Because heavy and toxic **birds** **metals** **trees** in a plant's leaves deter animals **around** **from** **inside** eating them. This means that the **animals** **plants** **zebras** have a better chance to survive **and** **for** **than** flourish and to spawn other plants **in** **of** **so** the same type. Their consumption of **metals** **paints** **rocks** gives them what is called an evolutionary **advantage** **mineral** **surface**.

Some examples of plant world "hyper-accumulators" **are** **end** **the** barley, durum wheat and sunflowers. Barley **and** **for** **too** durum wheat are plants that have **been** **owned** **run** cultivated by human beings as a **ride** **staple** **wireless** source of food for thousands of **events** **times** **years**. Since these grains tend to concentrate **metals** **plants** **spoons** taken from the soil, they can **be** **in** **try** harmful to human beings in certain **acquaintances** **circumstances** **eventualities**. It is known that any prolonged **coincidence** **exposure** **situation** to metals like

Keep going 

cadmium, copper, lead, **couch**, **nickel**, **oxygen**, and zinc can cause deleterious health **effects**, **lights**, **in**, **needles** humans. Scientists are still trying **for**, **of**, **to** figure out just how much barley **and**, **but**, **only** durum wheat humans can safely consume **forgotten**, **thought**, **without** starting to get sick. But at **from**, **least**, **where** in part this depends on what **colors**, **keys**, **types** and concentration of metals are present **in**, **off**, **to** the soil in which the grains **are**, **see**, **walk** grown.

Sunflowers are often used by **architects**, **scientists**, **teachers** to help draw up radioactive metals **behind**, **down**, **from** soil that has been contaminated by **grains**, **leaks**, **sinks** by big nuclear disasters like Chernobyl **and**, **for**, **the** Fukushima. After the atomic bomb was **dropped**, **kneeled**, **walked** on Hiroshima, Japanese scientists planted fields **in**, **of**, **to** sunflowers there to draw radiation from **and**, **by**, **the** soil. One of the most beautiful **animals**, **lakes**, **plants** that absorb metal is the hydrangea.

Keep going 

Deliveries
 Hydrangeas absorb aluminum. They not only absorb metal; they can change
 Occasions

color in benefit response window . A hydrangea may turn different colors cleaning depending pretending on the availability

of aluminum ions for in the soil. In acidic soil, many aluminum banana fertility ions are available,

causing the flowers at by to turn blue. In alkaline soil, aluminum cars hands ions will be tied up, so

the blankets clouds flowers will turn pink.

“Hyper-accumulating” plants may also never that be helpful. Metal-eating plants can help

bake clean drive up sites where soil contains toxic angry heavy noisy metals. They might also be able by in to

mine metal for us. Then the metal could be removed from their tissue for use by humans.



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Practice Passage

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Correct: _____

Incorrect: _____

Adjusted Score: _____

Why Don't School Buses Have Seatbelts?

Although cars and trucks and airplanes are required to have seat belts, it is rare to find seat belts on buses of any kind. City buses, interstate travel buses and craft school yard buses

all operate regularly without any complication destination requirement for passengers to strap themselves into

his mine their seats. On most buses, including school buses tires works, only the driver is strapped into

his my our or her seat. At the time in of up writing, only six states in the entire neither sorry United States

currently require seat belts at like on school buses. Why should this be and her the case?

It might be helpful at all the your outset to compare the circumstances of another before strange

form of transportation that does not close follow require seat belts – trains. When you ride in like so a

train, you are not required by to will wear a seat belt. Some people give have keep criticized trains for

not providing seat belts chairs warmers to their passengers, but at least dog one way major study of train

Keep going 

accidents showed **for that when** wearing seat belts on a train **could send though** increase passengers' risk

of injury in **and his the** case of a derailment. And increased **chair duck neck** injuries were singled out as

a **likely safely yellow** result of installing seat belts on **lines roads trains**. Train accidents are also quite rare.

Large Near Some of the rationales for not requiring **big seat wheel** belts on school buses are the

last many same as those that apply to train **engine plane travel**. For example, safety experts believe that

bus cat home passengers are already adequately protected in **might that which** passengers sit much

higher than they **be do play** in cars. Moreover, a bus is **a few his** big, heavy vehicle that can

withstand **a no of** crash with far less damage occurring **and to will** it than a passenger car. Most

perfect serious treated injuries would be prevented by the **juicy loud thick** foam cushioning of the seats, since

all in over the event of a crash children **give have will** be thrown forward against seat cushions

Keep going 

also
like
which

absorb most of the impact. What's

more
none
wrong

, the confined space of the school

bus
pen
train

seating prevents children from being thrown

during
through
under

the air.

Some people argue that

adding
liking
throwing

belts would reduce the number of

children
loaves
trains

that could fit into a seat,

motioning
reducing
throwing

seating capacity. This would require schools

at
so
to

buy more buses, which cost more

none
over
than

a hundred thousand dollars each. And

awakening
installing
restricting

seat belts on existing buses is

distracted
estimated
sprinkled

to cost more than ten thousand

buckets
dollars
hammers

per bus.

In addition, school districts

and
but
so

bus companies stress that school buses

are
have
stop

already extremely safe. According to a

crisp
major
tidal

scientific report, children are much safer

being
losing
talking

transported to school on a bus

if
past
than

in a car. The number of

happy
pretty
serious

injuries

Keep going



and the death rate is just less still than half that for passenger vehicles. And How Than riding the bus is

safer than flying lying walking to school and crossing streets. Despite these studies and the high

costs, many parents believe that their children would be safer on buses equipped with seat

belts.



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Practice Passage

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library
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Correct: _____

Incorrect: _____

Adjusted Score: _____

Wilma Rudolph

Wilma Rudolph is an African American track star who was born into a poor family in a small town in rural Tennessee. She had twenty-one brothers and sisters, and all but one of these siblings were older than she was. Although she suffered from serious health problems as a child and was even once told by doctors that she would never walk again, she pursued her dreams no matter what, eventually becoming an international track and field star. At the height of her career, she was widely known as the fastest woman in the world. She used her fame and popularity to advocate for oppressed people everywhere in the world.

Wilma's childhood was harder than many people have had, so hard that it is often considered a miracle that she was able to overcome the many physical and

Keep going 

mental challenges **she** **that** **we** faced. She was born prematurely. Growing **by** **in** **up**, she suffered from some of the **ethical** **happy** **serious**, often deadly, childhood illnesses that were **common** **nervous** **speedy** in

those days.

When she was **any** **every** **only** four years old, she contracted polio **and** **not** **with** after that she had to wear **a** **no** **of** leg brace until she was a **baby** **polio** **teen**. The doctors told her that she **slept** **told** **would** never walk again, but her mother **made** **sang** **told** her she would. Telling the story **after** **later** **never** in life, she said, "I believed **my** **we** **your** mother." She and her mother began **hoarding** **overcoming** **traveling** by bus to a clinic in **a** **it** **my** faraway city for physical therapy treatments, **and** **too** **yet** on the days when she did **any** **not** **very** go to physical therapy, her brothers **and** **if** **so** sisters took turns giving her leg **braces** **directions** **massages**.

Keep going 

Wilma never gave up on herself. None One day her mother looked outdoors and When

cured read saw her playing basketball, although she was alike quickly still wearing a leg brace at that

mail
race
time

After great effort, she was finally able frank old to walk again without the use else my of a

brace or a special shoe. I Our She later said that she was able a on to recover from the effects of

illness anyway because however she never stopped believing in herself, and can if neither did any member of

her dreamer
family
teacher

She started running when she was clear in still very young, after meeting a coach I these who

encouraged her to try out for or the your track and field team. She was not of so good that she

made it to but his the Olympics. There, she won a medal in out up the relay race. She was only

Keep going 

sixteen days times years old at the time. She went back except up and won three gold medals in a it or single Olympics. When she returned home, and my the town where she was from gave her me our a parade.

She retired from track and if out went back to college so that mine she you could get her degree to become a our so teacher. She also became a track coach family school, and eventually she even wrote a bestselling duplicating shattering autobiography that was turned into a heavy hungry major motion picture.

Wilma Rudolph is now a member of the U.S. Olympic Track and Field Hall of Fame.



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Adjusted Score: _____

The Sun

The sun is by far the biggest object in the solar system. It is also the center of **and my the** solar system, since all the planets, **describing including supposing** our earth, revolve around it. The **cat fire sun** is so massive that it contains **best most stuff** of the matter in the solar **engine glance system**. And the sun is made mostly **a of to** gas.

There are many other stars **ago in the** our universe that are roughly the **green round same** size as the sun. But the **mom ocean sun** is bigger than about ninety percent **by from of** the stars we can observe in **this what your** galaxy and others. Most of the **bugs lines stars** in our Milky Way spiral galaxy **are fly shoot** probably less than half the size **and not yet** mass of our sun.

It takes **about less several** eight minutes for light from the **fire lamp sun** to reach earth. So, for example, **all but if** you are at the beach watching **his the who** sun sink below the horizon, after

Keep going 

a
my
now

certain point what you are seeing

asks
is
wins

only the image of the sun.

His
How
The

actual

sun has already set.

Although
he
mine
you

may think that the sun is

just
since
very

one big ball of fire blazing

far
in
up

the sky, it has different layers,

and
if
the

it rotates. Since it is not

a
my
of

solid body like the

earth, the

bag's
cloud's
sun's

rotation is complex and can seem

black
many
quite

odd.

At the sun's core, the

government
information
temperature

is inconceivably hot and the pressure

depressingly
incredibly
selflessly

dense. Its blazing power is produced

a
by
on

nuclear fusion reactions going

on deep

despite
inside
unlike

it. Every second of every day

and
but
yet

night, the sun is converting hundreds

of
so
with

thousands of tons of hydrogen gas

away
into
off

helium and radiant energy. As it

grooves
moves
walks

out toward the surface, the radiant

circuit
covering
energy

gets continuously absorbed and

Keep going



released by his or the sun's layers until it reaches the cellar pyramid surface as visible light.

To our eyes off the your sun appears to be one single blazing cooking throwing ball of fire, but by using

initial special young telescopes and cameras, astronomers have been able like taken to see dark areas on the

garbage paper surface of the sun, called sunspots. These cities lakes regions are slightly cooler than the rest

as in of the sun's surface. That is why else they we look darker to us. Sunspots often create cruise shift their

position on the sun. Scientists are tell view still trying to understand exactly how ones they we arise

and how they interact with do my the sun's magnetic field.

Besides heat and air light snow, the sun also emits a stream down in of charged particles

known as the solar wind. None This Whose solar wind rushes throughout the solar machine system trance at

high speeds and can sometimes cause dance grow interference with electrical devices on earth.

Keep going 

He
It
Of

is also what creates the majestic

and
can
not

beautiful Northern Lights, or aurora borealis.

Alongside
Pressingly
Sometimes

the sun shoots out solar flares,

since
usually
whether

from near one of the

sunspots.

How
There
When

this happens, it can also eject

a
his
me

long tendril of flaming gas into

moon
ocean
space

. Solar flares can be seen using

broken
melted
solar

telescopes, which filter out dangerous

radiation

and
some
that

might otherwise damage your eyes. Never try to stare right into the sun!



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Adjusted Score: _____

Japanese Flower Arrangement

Japan is famous for its simple, elegant flower arrangements. Flower arranging is one

of the three **ambitious** **classical** **delicious** arts in that country. The other two **are** **cost** **give** incense appreciation and the tea ceremony. **Let** **The** **Your** simple arrangement of flowers in a **dog** **jar** **spoon** is also an important aspect of **for** **his** **the** tea ceremony. Why? Because guests are **accepted** **graded** **supposed** to spend a few moments gazing **at** **by** **from** the fresh flowers before drinking the **ocean** **stem** **tea**.

The tradition of flower arranging began **next** **till** **with** the flower offerings placed on the **altars** **churches** **moons** of Buddhist temples. These offerings were **caught** **made** **stolen** up of three different flowers. There **did** **flew** **was** usually a tall upright flower in **as** **or** **the** center, and two shorter ones. This **label** **seat** **type** of arrangement was said to represent **his** **not** **the** close relationship between heaven, humankind, and **if** **my** **the** earth.

Keep going 

Although flower arranging began in **prayers** **safety** **temples**, soon people started putting arrangements in **their** **what** **your** homes. These flower arrangements were placed **near** **past** **until** other decorations like incense burners and **frank** **quick** **small** statues carved from wood or ivory **or** **put** **so** made of ceramic or metal.

At first, **dice** **flower** **water** arranging was only done by monks, **but** **ever** **not** as time went on the monks **flipped** **sang** **taught** others to do it. So now **much** **others** **there** are more than a thousand schools **in** **up** **with** Japan that teach the art of **arranging** **generating** **lifting** flowers.

The various types of plants **glued** **split** **used** in these arrangements often have special **meanings** **servants** **thoughts**. For instance, certain yellow blossoms symbolize **exit** **life** **view**, while pine branches symbolize endurance.

Keep going 

The **fields** **styles** **times** of arranging flowers diverged in dramatic **clouds** **roads** **ways** over time. As the tea ceremony **became** **forgave** **tallied** more popular, a new, more rustic **bread** **point** **style** of flower arrangement came about. These **chose** **knew** **were** very simple, with only one or two **blooms** **jars** **ships** in a vase. They were designed **at** **for** **to** present the flower as it grew **in** **the** **up** nature. These simple tea ceremony arrangements **served** **told** **were** often placed directly under hanging scrolls **but** **on** **up** which landscapes were painted, or famous **bows** **films** **poems** written in elegant calligraphy.

Another style, **his** **so** **the** “thrown in” style, was said to **cure** **have** **keep** been invented when someone threw some **clouds** **junk** **stems** and leaves into a vase on **her** **the** **your** other side of the room. It **goes** **is** **may** known for its looseness and freedom. **Houses** **People** **Travels** who practice this style consider it **at** **by** **to** be like shooting an arrow in **and** **my** **the** art of archery. You should be **able** **fallen** **true** to hit the

Keep going 

target with your first clock
hand
shot .

Western flower arrangement often focuses on chairs
masses
skies of color. In Japan, the shape,

cube
line
toe , and movement of each stem and leaf
paw
wheel are just as important as the

blossoms
engines
insects . The act of putting the flowers against
beneath
together is important, too. It is a book
cover
way

of relaxing and experiencing beauty.

It can
has
sings take a very long time to cooperate
deactivate
understand and master all the techniques and

horrible
random
symbolic meanings of flower arrangements. People often study for many years in a

school of flower arranging, and at the conclusion of their studies, they are given permission

to teach others.



Name: _____

Date: _____

Practice Passage

Tom goes to a school far from his house. Every morning, he takes a school **art bus work** to go to school. In the **afternoon library morning**, he also takes a bus home.



Correct: _____

Incorrect: _____

Adjusted Score: _____

The Cicadas are Coming!

Another invasion is coming. It will happen in the spring, **at just under** as the weather gets warm. But **counting depending leaning** on where you live, it might **have not will** occur this year. Or next year. **By Or To** even this decade. But when they **come faint will**, they will arrive by the millions. **He I The** am talking about cicadas, which are **slowly very warmly** noisy insects. Some people have described **some their your** high shrill humming as similar to **each the under** sound of a flying saucer landing **atop in near** a 1950s science fiction movie. Some **cicadas lizards saucers** can produce sounds approaching 120 decibels, **beside each which** is among the loudest of all insect-produced **horns larvae sounds**. To give you some idea of **how some why** loud that is, the rumbling of **a it up** gas-powered lawnmower is about 80 decibels, **before unless while** the growl of a motorcycle is **about minus until** 95 decibels.

Keep going



Cicadas are grouped into “broods.”

Casual
Different
Produced

broods come out of the ground

for
in
with

different areas. There are over 3,000

decibels
insects
species

. Some are called annuals because

the

adults
boats
flowers

appear every year, but their numbers

already
hardly
mostly

compare to the giant

swarms created

by
on
the

periodical broods, which take more than

a
it
the

year to appear.

Most periodical broods

compare
deflect
emerge

every 17 years, while some appear

both
every
into

13 years.

Sometimes, more than one

area
brand
type

of brood may emerge in the

both
every
same

year.

When the ground warms up

in
on
to

64 degrees for several nights in

a
may
to

row, the

insects pop up out

in
of
with

the ground, one by one. They

already
normally
rarely

do this in the dark,

which

helps
pops
teaches

them avoid being attacked and eaten

and
by
the

birds. They crawl up into the

broods
floors
treetops

where they shed their flaky exoskeleton,

each
which
yet

is a tough, protective layer

Keep going



on **for some the** outside of their bodies, and grow **a each few** new shell. An adult cicada can

be eat live as long as two and one-quarter **inches miles wings**. They have stout bodies with broad

broods groups heads, large eyes, and clear wings.

Though harmless **by for the** humans, the large swarms can do **damage flight good** to orchids,

vines, and gardens. Sometimes **lanky wooden young** trees are overwhelmed by them, although

briefer older wiser, healthier trees usually withstand the invasion **beside since without** serious damage.

Many people find their **garden sound youth** annoying. Only the males emit the **cicada sound tree**.

When a few thousand adult male **cicadas trees wings** are crowded together, trying to attract **a for to**

female, their combined humming can be **barely lightly rather** overwhelming. Their song can easily

be **emitted heard sung** from a mile away or more.

Keep going 

Her
 The insect's unusual lifecycle has been a
 Yet body
 gulp of fascination for thousands
 source
 of years
 among
 beside many cultures. The ancient Chinese regarded
 outside cicadas
 spheres as symbols of
 trees
 rebirth and respected
 some
 their power.
 with
 A few months after the
 female
 parrot lays its eggs, which look like
 symbol lights
 grains of rice,
 rolls
 the baby cicadas, called nymphs,
 hatch
 sweep and drop from the trees. The
 undo cultures
 nymphs
 yolks
 burrow into the ground where they
 feed
 mate on sap from the roots of
 sit broods
 squads . They will
 trees
 remain underground for the
 next
 other 13 to 17 years, feeding on
 yet eggs
 rice , nourishing
 sap
 themselves.

Then one night, as
 always
 ever called by some invisible force, they
 though quite
 will emerge,
 yet
 and the whole cycle starts
 all
 ever over again. Though it remains a mystery as to why the
 some

Keep going 

cycle requires so many years, some experts think that the long interval helps the insects avoid predators from developing a dependence on them as a food supply.



Name: _____

Date: _____

Practice Passage

Tom goes to a school far from his house. Every morning, he takes a school **art bus work** to go to school. In the **afternoon library morning**, he also takes a bus home.



Correct: _____

Incorrect: _____

Adjusted Score: _____

Bamboo

Bamboo is an incredible plant. Bamboo is abundant, grows straight, is

deep
musical
strong

and flexible, and has many uses.

Bamboo
Flour
Wheat

can grow almost anywhere. It is

a
by
or

native plant all over the world,

apart
flown
under

from Europe and North America. Even

by
on
next

those continents, it can be grown

as
but
her

a garden plant. Moreover, there are hundreds

and
from
of

species of bamboo, and they

are

all
near
tiny

members of the grass family, despite

behind
often
shortly

looking more like a thin tree

from
or
to

tall bush.

Bamboo also grows unusually

fast
little
thick

, as fast as thirty-six inches in

a
her
part

single

day. Imagine growing three feet

in
like
to

a day! Bamboo stalks reach their

any
full
last

mature

height in just three or four

cents
months
pounds

. This quick growth makes bamboo a

slant
very
whole

Keep going



sustainable material. Harvesting stalks does not impede loosen select its growth, and they are quickly

praised
replaced
stickied

One use of bamboo is as food noise wings. Giant pandas live on a diet by for of mostly bamboo

shoots and leaves, as do in not red pandas and certain lemurs. Humans also most over eat the tender

shoots. Some people plant tell use the leaves to wrap other foods in last out for steaming, or they

use sections for if of the hollow stalk to cook food after like over a fire.

Because mature bamboo is only so too strong, it is also good for building dipping lighting. Long

giant bamboo poles are used as but to make scaffolding. They are also used as from over a

construction material in themselves to build carve leave bridges, houses, and even skyscrapers.

Bamboo can go try be processed to make any number at of to useful objects. The poles

Keep going 

can be tailed used washed whole or split into sections that can do see be used flat or woven to make stack thank

panels. Bamboo sections can be split into on under various widths, even very fine, and

shaved tailed weighted thin and woven into a wide forest spill variety of baskets. Bamboo baskets are used

all in with over Asia for storage; for gathering and but from harvesting fruits and vegetables and

grains; each for the washing items and draining and straining; and but not for holding things like

grains or beans planes trees put out in the sun to build dry wet. It can be used like wood and she to make

chopsticks or other eating utensils. It Sun We can also be laminated together to glue make want

cutting boards, furniture, and flooring. It can did has been used to make weapons and flutes lights slates

and bicycles, among many other things. Bamboo Chair Panda fiber can even be used to drink make see

paper or yarn or fabric.

Keep going 

Bamboo is met runs also good for the environment. Since he it that grows from a network
 of roots, a it she can prevent soil erosion and landslides. Bamboo We Yarn can grow in poor soil,
 and it he that absorbs heavy metals, removing them from all on the soil. Bamboo can also draw
 water left many up through the ground closer to the basket cloud surface, making the land where it grows
grittier healthier quieter for other plants and providing shelter above for near animals.
 Like all plants, bamboo absorbs carbon and by even releases oxygen. Scientists use the
 term “brown carbon sugar sink” for natural reservoirs that absorb more small wet carbon than they release.
 Bamboo forests are raise shed particularly good carbon sinks because they fly grow shrink so fast. In
 addition, the bamboo cable faucet that is transformed into long-lasting products continues a by to
 store carbon. Even better, the stored carbon glass wall does not break down and turn for into upside

Keep going 

carbon dioxide, a major greenhouse gas.

All these characteristics are what make bamboo such a versatile and important plant.



Name: _____

Date: _____

Practice Passage

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Incorrect: _____

Adjusted Score: _____

Diving Deep

William Beebe was an American naturalist who traveled all over the globe to study the natural world, especially birds, bugs, and the animals in the ocean. When he returned

home, he wrote **books**, **clues**, **receipts** and articles about his discoveries.

In 1928, Beebe **bet**, **had**, **was** given a research station on an **adoption**, **island**, **offer** off the coast of

Bermuda. He **dipped**, **feared**, **wanted** to make an extensive study of **forbidden**, **hesitant**, **underwater** life there. He'd

studied sea life **fittingly**, **previously**, **travellers**, by dredging and using a diving **helmet**, **leap**, **sail**, and he thought

he would use **eerie**, **fair**, **those** methods in Bermuda as well. Dredging **means**, **thinks**, **wants** to scoop up a

bunch of **close**, **down**, **the** ocean and examine whatever creatures come **home**, **to**, **up**, on the deck of

the boat **in**, **next**, **or** on dry land. The researcher can **get**, **sit**, **teach** a good look at the animal's

anatomy, **engine**, **helmet** that way but cannot observe its **current**, **habitat**, **sleeve** or behavior. The diving helmet

Keep going 

enabled but her the researcher to see where and how fast land the animals lived, but it could not

bring label reach the depths Beebe wanted to go over side to. He decided he needed some kind for in of

submarine. But the submarines that existed at on to that time were windowless cylinders, so

each he it started to design one with windows.

Otis Barton cut dealt was a wealthy inventor. He read some comical limousine newspaper articles about

Beebe's plans to study large ocean research life, and he wanted to help. He It Life believed the

cylindrical shape Beebe was diving limping talking about for his submarine would not invest tend work. The

water pressure in the deep boat island ocean would be too great. Barton thought above some the best shape

for the vessel was a it her sphere. Barton was introduced to Beebe by into over a mutual friend,

and he explained his near to idea for the sphere. The two cards men plans decided to work together.

Keep going 

Barton would **cast** **give** for the sphere and all the **bracelets** **equipment** it required. Beebe would pay **her** **only** **the** ship to transport the sphere, and **break** **hire** **the** equipment to lower it to the **glass** **ocean** **top** floor and raise it back up. **Cars** **Ships** **They** would both be inside the sphere **how** **when** **yet** it plunged through the water.

They **believed** **called** **flipped** their vessel the Bathysphere, adding the Greek **brass** **stone** **word** for “deep” (bathus) to “sphere.” It **told** **tore** **was** 4.75 feet in diameter, made of one-inch **crisp** **flimsy** **thick** cast steel. It had no power **by** **in** **of** its own, but had to be **cracked** **housed** **lowered** into and lifted from the ocean **by** **from** **in** a cable. The men climbed into **first** **her** **the** sphere through a hatchway, the lid **for** **of** **by** which weighed 400 pounds and was **bolted** **captured** **glided** shut after they were inside. There **drew** **used** **were** three three-inch thick windows made of **fused** **itched** **woolen** quartz through which to observe marine

Keep going 

bush
 fog
 life

. There were high-pressure cannisters of oxygen

but
 one
 that

allowed Beebe and Barton

to breathe,

and
 given
 not

pans of special minerals to absorb

calm
 light
 their

exhaled breath. They used

palm leaf

fans
 lids
 rays

to keep the air moving. There

kept
 lived
 was

a lamp fixed on the outside,

an
 by
 to

illuminate the darkness of the ocean

around
 inside
 reflect

the sphere. And there was a

medicine
 problem
 telephone

on the inside, so Beebe could

dictate
 press
 study

what he saw swimming through the

benefit
 island
 light

to

his assistant on shore.

The Bathysphere

built
 made
 threw

more than 30 manned dives between 1930

and
 by
 or

1934.

In 1934, it reached a depth of 3,028 feet, a world record that held until 1949.



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Date: _____

Practice Passage

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Metal Detector

The moment Anju sees the size and shape of the box, the question on her mind is answered. She's sure she knows what's inside. **After** all, she has been pleading for **From** **Then** **a** **his** **she** metal detector since before last Christmas. **In** **Many** **With** that time, she's read enough magazine **articles** **pictures** **stands** and reviews of moderately priced models **in** **of** **to** know good from the bad. The **first** **last** **one** thing she wants is a toy **such** **that** **where** will stop working in a month. Two **toys** **weeks** **years** before her birthday, she handed her **father** **mailman** **worker** a small stack of pages about **even** **some** **the** many valuable things others had discovered **and** **but** **or** a one-page advertisement from a magazine. **Each** **Some** **The** item on sale was the Garrison 4000WP, **a** **her** **or** lightweight model with good depth detection, **a** **her** **to** set of headphones, and a four-star **light** **metal** **rating**. The WP at the end of **its** **her** **our** number meant it was waterproof, able **for** **to** **will** work in shallow

Keep going 

ponds and ocean drink
fence
surf .

After her father looked over the cakes
metals
pages like a teacher grading a book

cover
page
report , he'd folded the advertisement and tucked it
her
on into his wallet. From that

moment in
on
top , Anju had kept her fingers crossed and
or
when not mentioned her birthday or

the Garrison 4000WP again
beside
over .

Now, as she tears away the baking
magazine
wrapping paper, revealing the colorful label of

each
less
the Garrison 4000WP, she looks straight at her
my
one father and grins. He smiles and

bends
relaxes
strikes to pick up a strip of each
our
the torn wrapper, asking if he bought few
some
the right

model; then he smiles again beside
under
when Anju replies with two fists in fit
her
the air and an

enthusiastic yes. Within papers
seconds
writers she has the box open and many
the
under headphones out of

Keep going 

their foam packaging. He places them on her head, then he gives her father a quick hug.

and says thank you three times really badly.

A bigger surprise is a second gift, a bag he produces from beside each of the

couch and tosses at her. The bag contains a hooded sweatshirt, navy blue from a chest with

wide pouch-pocket. He asks her to hold it up, and when she wraps, she sees the

back. Printed in large yellow letters is this: "Caution: Animal Birthday Hunter at Work." Treasure

"I had that adult custom made," her father says. "They normally charge you by the home point

letter, but I shut told the girl it was your birthday, or so when she gave me a two for one yelled

caution discount navigation ."

Equipped with a capable metal detector, Anju's ready to search for lost sweatshirt taster

Keep going 

coins leagues papers and buried treasures. All she needs asks can is a little practice scanning and
 learning every our the frequencies, and someplace nearby to explore. He's It's She's already made a
 list of "soft sites" across between within walking distance. Soft sites are places inside over where people
 using metal detectors can dig madly rather slowly easily because the land is covered into from with nothing
 but grass, sand, or plain dirt floor water. Wooded areas aren't good places to contain exclude search because
 the roots of surrounding trees are can think stubborn obstacles that require hard work and but minus
 serious tools to excavate past, and claiming hacking washing away at roots can lead to each some the death of a

tree. One of the ethical codes of responsible treasure hunters is to "do no harm."



