

NAME: .....

DATE: .....



## ECLIPSE ACTIVITY GUIDE

LISTEN TO WOW IN THE WORLD ECLIPSE EPISODE:

<http://tinkercast.com/podcasts/ep-23-the-total-solar-eclipse-when-the-moon-photobombs-the-sun/>

### WRITE: ECLIPSE ACROSTICS

The August 21<sup>st</sup> Total Solar Eclipse will be seen by millions of people all across America. It is the first time a solar eclipse has been visible in the U.S. in 99 years! How WOW is that? Writing is a wonderful way to record an experience. *Where in the world* did you watch it? *Who in the world* were you with? *How in the world* did you feel?

An acrostic is a type of poem that uses the letters of a topic word to tell all about the topic. Acrostics can be written using a single word, phrase or short sentence about the topic for each line. Give it a try!

E	_____
C	_____
L	_____
I	_____
P	_____
S	_____
E	_____

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## EXPERIMENT: MAKE YOUR OWN SOLAR ECLIPSE!

### ***What in the world is a solar eclipse anyway?***

It's when the moon passes directly between the earth and the sun casting a shadow on part or all of the earth's surface. Guess what? You can demonstrate this easily with just a few household objects and the sun!

### **What you need:**

- a large round object like a basketball or balloon
- a small round object like a golf or tennis ball
- a stick or a pencil
- tape
- Mr. Sun himself

### **What to do:**

**STEP 1:** On a bright sunny day go outside with a friend and all your supplies.

**STEP 2:** Have your friend face the sun and hold the large round object in front of them - this is your earth.

**STEP 3:** Now take the small round object and tape it to the end of your stick - now you have a moon on a stick!

**STEP 4:** With your back to the sun and facing the large ball, hold up your "moon" 2-3 feet away from the large ball or "earth". Try to get the shadow of the small ball to land on the big ball by moving the stick in the light of the sun. You might have to move closer or farther away from the large ball ("Earth") or change how you stand. When the shadow hits the large ball ("Earth"), you can practice moving it across the "Earth" to make your very own solar eclipse!

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## CREATE: TIME CAPSULE OF WOW!

People have been recording important events in history since the beginning of people. One way to do this is to create a time capsule. A time capsule is a collection of things that gets hidden away to communicate with the future one day. Pretty cool, huh?

*Where in the world* will you be during the solar eclipse on August 21<sup>st</sup>, 2017? Why not make a time capsule to record your wow-worthy day?

### **How To:**

1. Find a bottle, jar or box to hold your collection.
2. Fill it up with all kinds of stuff to remind your future self *where in the world* you were during the solar eclipse.
3. Hide or bury your time capsule.
4. Try to forget all about it. This is the hard part, but you can do it!
5. Rediscover your capsule in the future. We suggest waiting at least one year but the longer you wait the more fun it will be!

### **What in the world should you include? Great question. Glad you asked!**

- A copy of the **All About Me** worksheet
- A letter to your future self
- A drawing of *where in the world* you live
- A family photo
- A newspaper clipping from the day of the eclipse
- Get creative about what else to include

Fill out and attach to the outside of your time capsule:

_____ 's TIME CAPSULE OF WOW!		
DATE BURIED: _____	DO NOT OPEN UNTIL: _____	

NAME: .....

DATE: .....

## ALL ABOUT ME

Name:

Age:

Grade:

Town:

State:

Family Members:

My best friend is \_\_\_\_\_ .

My favorite food is \_\_\_\_\_ .

My favorite color is \_\_\_\_\_ .

My favorite book is \_\_\_\_\_ .

My favorite song is \_\_\_\_\_ .

My favorite place to visit is \_\_\_\_\_ .

A WOW in my world is \_\_\_\_\_ .

What I want to be when I grow up \_\_\_\_\_ .

Draw a picture of *what in the world* you looked like on August 21, 2017

