



Name \_\_\_\_\_ Class: \_\_\_\_\_

Directions: Go to <http://sciencespot.net/>, click the link for the Kid Zone, and then click 2017 Solar Eclipse Links in the astronomy section.

**Site #1: Eclipse Calculator**

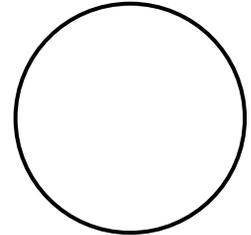
1) Enter the name of the major city closest to you in the search box. Write the times below.

Begins: \_\_\_\_\_ Maximum: \_\_\_\_\_ Ends: \_\_\_\_\_

2) Watch the eclipse animation as it will appear from the city you used for #1.

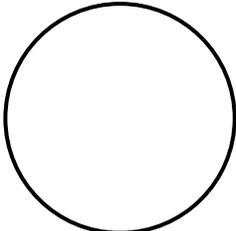
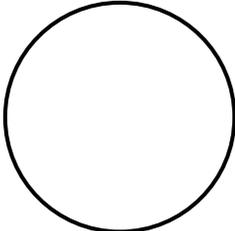
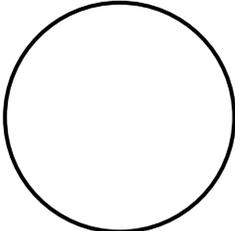
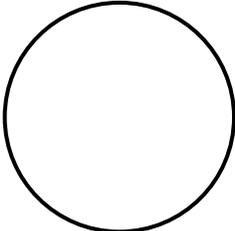
1st - Draw a RED arrow on the image at right representing the sun to show the moon's path and direction as it crosses in front of the sun (from our position.)

2nd - Use a dark color to shade in the circle to show portion of the sun that will be covered by the moon at its maximum point.



**Site #2: Eyes Eclipse 2017 - Click ENTER to begin.**

1) Watch the animations for each location and then draw a RED arrow to show to show the moon's path and direction as it crosses in front of the sun (circles below) as viewed from each location. Shade in the circle with a dark color to show portion of the sun that will be covered by the moon at its maximum point.

New York, NY	Kansas City, KS	Los Angeles, CA	Your Pick*: _____
			

NOTE: For your pick, click the map to add a location outside of the path of totality.

2) Write a paragraph that summarizes your observations and compares the views for people in the different locations.

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Done? Explore the other links listed on the Solar Eclipse 2017 page!