

Biophysics Flash Cards


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Eclipses Flash Cards

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Instructions

Print the flash cards from the templates on pages 2-3. Each page has 4 flash cards.
The concept is on the left side of the template and the explanation is on the right side.

To create individual flash cards:

- 1) Trim the margins on the top, bottom, and sides of the page where you see the scissors icon 
- 2) Cut between the cards where you see the scissors icon to create individual cards.
- 3) Fold the cards in half at the dashed "Fold" line and align the front and back edges of each card.
- 4) Each template makes 4 flash cards of 2.5 x 3.75 inch (H x W). There are 8 cards in a set.

The colored border indicates that the cards are in the same set.

Objectives & Grade Level

Teach students basic concepts about biophysics. Appropriate for middle school to high school students. Students can use the flash cards singly or in groups by studying the cards and testing themselves or others on concepts from the cards.

Acknowledgements

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Fold

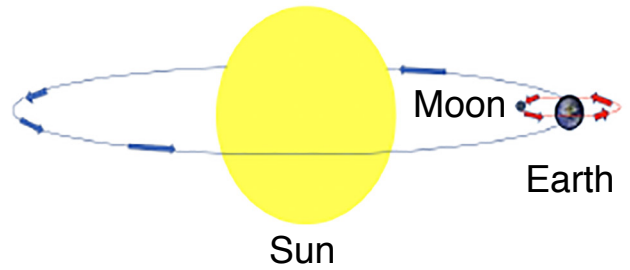


Solar Eclipse



Solar Eclipse

Sun is blocked by the Moon



Total Solar Eclipse



Total Solar Eclipse

Moon blocks Sun from Earth



Partial Solar Eclipse



Partial Solar Eclipse

Part of Sun is blocked by Moon



Annular Solar Eclipse



Annular Solar Eclipse

Periphery of Sun is visible



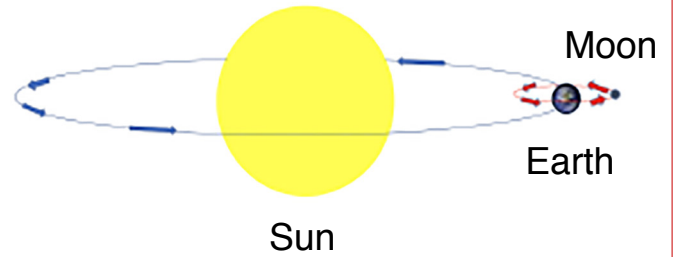
Fold

Lunar Eclipse



Lunar Eclipse

Moon is in Earth's shadow



Total Lunar Eclipse



Total Lunar Eclipse

Entire Moon is in Earth's dark shadow and may appear red



www.nj.com/news/2021/05/

Partial Lunar Eclipse



Partial Lunar Eclipse

Part of Moon is in Earth's dark shadow



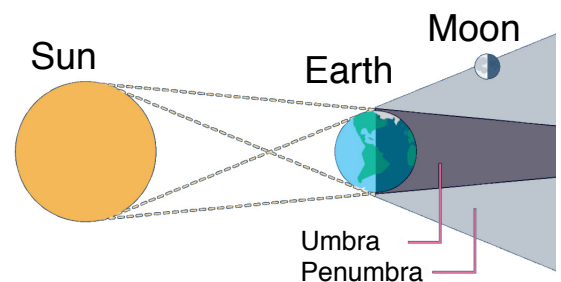
<https://indianexpress.com/article/technology/science/>

Penumbral Lunar Eclipse



Penumbral Lunar Eclipse

Moon is in Earth's shadow edge



www.timeanddate.com/eclipse/penumbral-lunar-eclipse.html