Objective:

Students will create a moveable model that illustrates how the moon orbits around the earth and the earth orbits around the sun.

Arkansas State Standards Addressed:

Science

ESS.10.3.2 Demonstrate the orbit of Earth and its moon around the sun.

Writing

W.3.2 Write informative/explanatory texts to examine a topic and convey ideas and information clearly.

Activity:

Students will create this free printable model of the Earth and Moon’s orbit found here: https://www.teacherspayteachers.com/Product/Space-Model-of-Earth-Moons-orbit-565681

Students color, cut, glue, and attach brads in order to create a model that they are able to rotate to demonstrate the orbits of Earth and its moon. The printable also includes a writing activity in which students demonstrate their knowledge through writing and illustration.

For more lesson plan ideas on this topic, see the Utah Education Network website: http://www.uen.org/core/displayLessonPlans.do?courseNumber=3030&standardId=1186&objectId=1188

Additional Resources at Bentonville Public Library:

The following resources are specifically about Earth and about Earth and Moon orbits and their impact. Accelerated Reader Levels are included when available. All items are available for checkout at Bentonville Public Library; call numbers are included in brackets.

Books

- *Earth* by Steven Kipp. AR Reading Level: 3.7.
- *Earth* by Simon Charnan. AR Reading Level: 3.4. Non-Fiction. [JNF 525 SIM]
- *Space and Time* by Dana Meachen Rau. Non-Fiction. [ENF 525 RAU]
- *Why Do We Have Night and Day?* by Alix Wood. AR Reading Level: 4.9. [JNF 525.35 WOO]

Explore Space Exhibit Information:

Explore Space: A Cosmic Journey, a traveling exhibition for libraries, is part of the STAR Library Education Network (STAR_Net) led by the National Center for Interactive Learning at the Space Science Institute. Exhibit partners include the American Library Association, the Lunar and Planetary Institute, and Afterschool Alliance. Explore Space is supported through a grant from the National Science Foundation.
Space FREEBIE

Created By Melissa Yglesias
www.moretimeteach.blogspot.com
A Model of The Earth & Moon’s Orbit of the Sun

1. Color
2. Cut
3. Glue the moon to the end of the small rectangle.
4. Cut on the
5. Insert brad
6. Attach the moon
Color and then cut out the sun, the Earth, the moon and both rectangles. Then attach with brads.

Earth, Sun, & Moon

More Time 2 Teach
How do the Earth and the Moon orbit the Sun?

Scientist: ____________________________

How do the Earth and the Moon orbit the Sun?

Scientist: ____________________________
I hope you enjoy the convenience and quality of your FREEBIE! If so, I would appreciate it if you would provide feedback. Also, if you would like to be informed when a new item is added to my store, remember to click on the “follow me” button at TPT. If you should have any questions, please don’t hesitate to contact me at moretime2teach@gmail.com.

Once again, thank you!

Sincerely,

Melissa

Graphics by:
www.digiwebstudio.com

http://www.etsy.com/shop/ZipADeeDooDahDesign

http://www.etsy.com/shop/CreativeClips
If you’d like to see some more of my work, you can find me at...

www.moretime2teach.blogspot.com
Teachers Pay Teachers Store