

*Building Science Concepts book: The Moon Book 8*

I found this interactive material that is all about the Moon, Earth and Sun and how they are involved with each other, see

<http://www.sciencekids.co.nz/gamesactivities/earthsunmoon.html>. This will further expand children's learning about the Moon and Earth because it asks you to see if you can do certain things involving the Earth, Moon and Sun like how long does it take the Moon to orbit the Earth. This online interactive material shows that the *Building Science Concepts* book is still relevant because its facts are the same as in the *Building Science Concepts* book. An example of this is when you click on the Moon and basic facts come up about it, it states that the Moon takes twenty-eight days to orbit the Earth.

I found this academic material which will expand children's learning further because it is basic facts about the Moon and also its involvement with the Earth, See

<http://www.sciencekids.co.nz/sciencefacts/space/moon.html>. This article is made for children and to make it enjoyable and simple to learn basic facts about the Moon.

I would follow this activity with my chosen educational animation (Retrieved from: <http://tinyurl.com/ay8jru8>) . It exhibits investigation in science by serving to extend the students' world by demonstrating that the Moon orbits the Earth and gets its glow from the Sun. The animation stops at intervals allowing time for questions to deepen understanding in science, for example the first section asks "Have you ever noticed that the Moon sometimes looks different on different nights?" – this contributes to their understanding of their world since the animation endeavours to demonstrate how this happens without the Moon physically changing its shape. I would stop this animation after the fourth section because I believe it covers adequate material for level three.

Amazing Night Sky Photos: Jupiter, Venus and the Moon (July 2012) (Retrieved on 4, August, 2013, from: <http://tinyurl.com/bqmnvxx>)

Building Science Concept book 'The Moon'

The animation that I found was to do with the moon's phases which my book discusses. The animation it goes into detail about the different names and shows that particular phase of the moon. It also explains how we can see the moon on earth; these are explained in the building science book. This is a good way for students that dislike reading to learn because they will be learning about the same information, just in a different way. At the end of the animation it gives you a quiz to check your knowledge about what you have just been learning about. Once you have finished the quiz it gives an example of an individual task that you could complete if you wanted to.

Duveen, J. McCarthy, S. Scot, L. Solomon, J. (1994), Teaching about the nature of science through history: Action research in the classroom. *Journal of Research in Science Teaching*, Vol.29, No.4, p. 409-421. <http://onlinelibrary.wiley.com/doi/10.1002/tea.3660290408/pdf>  
e-learning for kids (2004), (27 May 2013) <http://e-learningforkids.org/Courses/EN/S0801/login.htm>