

*Exploring Space, Discovering Our Place in the Universe, Book 27*

Here is a good video that shows the children how different it is to brush your teeth in a spaceship <http://www.youtube.com/watch?v=TU9kffoAQ8U>. Animations and videos are a good way to physically explain and demonstrate how things happen.

The online interactive that I have chosen helps to support my argument because it relates to the one of the activities that are in the Building Science Concept book about looking at objects. This interactive shows that the information in these Building Science Concept books are still relevant to today's teaching and learning. Another activity in the Building Science Concept book is about development and application of the telescopes for exploring into space which is exactly what my interaction say and the interaction explains how and what the telescopes are used in the field of a scientist. The interaction shows the children that there is so much of space that is out there to explore and how you can see the dust clouds that form the stars in the sky. Space Place. 2013. Retrieved 28 May 2013. <http://spaceplace.nasa.gov/story-whats-in-space/en/#/review/story-whats-in-space/book.swf?bookXML=whats-in-space.xml>

Personally I believe the book *Exploring Space* from Building Science Concepts series is still relevant for today's students and can still be used to provide meaningful learning experiences for primary students. It can help create yet another generation of bright telescopes on the horizon. They will expand our reach by orders of magnitude, revealing still more secrets of the cosmos, possibly including some that we don't begin to suspect. (Kaplan, M. Web. 28 May 2013) I choose the book to write about because it related directly to one of the strands in the Nature of Science and holds potential for exploration using the key elements of science. An online interactive resource I found that would complement this book at learning area accordingly (<http://www.brainpop.com/science/space/>)

N Kaplan, Mat. "Astronomy Enters a New Era | The Planetary Society." *Homepage / The Planetary Society*. N.p., n.d. (Web. 28 May 2013).

<<http://www.planetary.org/blogs/mat-kaplan/20130526-astronomy-enters-a-new-era.html>>.

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An interesting animation I could use to support this topic would be the satellite game (<http://www.science-animations.com/support-files/satellite.swf>) children would be able to see what would be necessary for a space station to resist gravity or flow with gravity. This game demonstrates the four strands as the children would be able to understand the science behind gravity and the effect it has on objects. Children would also be able to investigate what would happen to an object fired from earth and what speeds would be necessary to resist earth's gravitational pull. Children would also be learning a bit of vocabulary to the science behind this for example 'satellite' 'projectile' 'm/s' so it is useful when it comes to learning the vocab. Through playing

this game students might also want to know what gravity is or why earth's gravity behaves like this and therefore spark some interest for own investigation hence fitting under the participating and contributing strand.