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Title: **Effective Earth and Space Science Analogies**

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Abstract: There are several good reasons why Earth and Space Science should be a part of any science curriculum. Nearly everything we do each day is connected in some way to the earth: to its land, oceans, atmosphere, plants, and animals. It is estimated that by 2025, eight billion people will live on earth. If we are to continue extracting resources to maintain a high quality of life, then it is important that our children are scientifically literate in a way that allows them to use the earth's resources in a sustainable way. People who understand how earth systems work can make informed decisions and may be able to help resolve issues surrounding clean water, urban planning and development, global climate change, and the use and management of natural resources.

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