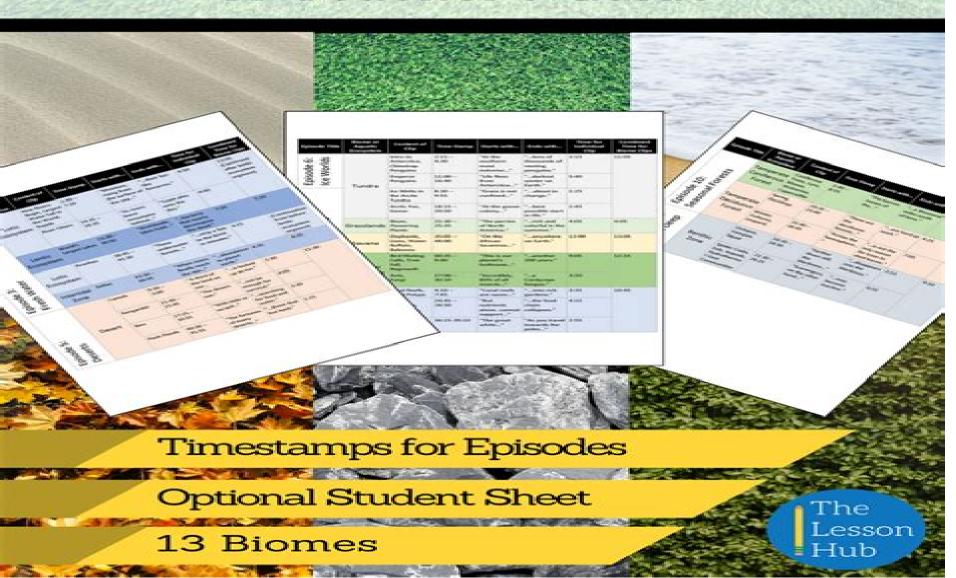
# BBC's Planet Earth: Biome Identification

A Teacher's Guide



# **Planet Earth Teacher Guide**

**Terry C. Jones** 

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the suggested course sequence that allows two core areas of science to be studied per semester You can change the sequence of the semesters per the needs or interests of your student materials within each semester are independent of one another to allow flexibility Quarter 1 Ocean The oceans may well be Earth's final frontier These dark and sometimes mysterious waters cover 71 percent of the surface area of the globe and have yet to be fully explored Under the waves a watery world of frail splendor foreboding creatures vast mountains and sights beyond imagination awaits Now this powerful resource has been developed for three educational levels Learning about the oceans and their hidden worlds can be exciting and rewarding the abundance and diversity of life the wealth of resources the latest discoveries and the simple mysteries that have intrigued explorers and scientists for centuries A better understanding of our oceans ensures careful stewardship of their grandeur and beauty for future generations and leads to a deeper respect for the delicate balance of life on that God created on planet Earth Quarter 2 Astronomy The universe is an amazing declaration of the glory and power of God Beautiful and breathtaking in its scale the vast expanse of the universe is one that we struggle to study understand or even comprehend in terms of its purpose and size Now take an incredible look at the mysteries and marvels of space in The New Astronomy Book If you watch the stars at night you will see how they change This speaks to the enormity and intricacy of design in the universe While the stars appear timeless they instead reflect an all powerful Creator who speaks of them in the Bible Many ancient pagan cultures taught that the changing stars caused the seasons to change but unlike these pagan teachings the Book of Job gives credit to God for both changing stars and seasons Job 38 31 33 When Job looked at Orion he saw about what we see today even though he may have lived as much as 4 000 years ago Quarter 3 Weather From the practical to the pretty amazing this book gives essential details into understanding what weather is how it works and how other forces that impact on it Learn why storm chasers and hurricane hunters do what they do and how they are helping to solve storm connected mysteries Discover what makes winter storms both beautiful and deadly as well as what is behind weather phenomena like St Elmo s Fire Find important information on climate history and answers to the modern questions of supposed climate change Get safety tips for preventing dangerous weather related injuries like those from lightning strikes uncover why thunderstorms form as well as what we know about the mechanics of a tornado and other extreme weather examples like flash floods hurricanes and more A fresh and compelling look at wild and awesome examples of weather in this revised and updated book in the Wonders of Creation series Quarter 4 Mineral Minerals are a gift of God s grace Every day we touch them seeing the diamond in an engagement ring or a copper chain with a cross on it Minerals are touched on in video games like Minecraft and Mineral ValleyTM making them more a part of our daily experience Salt one vital mineral helps maintain the fluid in our blood cells and is used to transmit information in our nerves and muscles Also Jesus told his followers that we are the salt of the earth Matthew 5 13 something thus needed for health and flavor Here is a God honoring book that reveals the first mention of minerals in the Bible symbolic usages their current values in culture and

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