

STUDY GUIDE

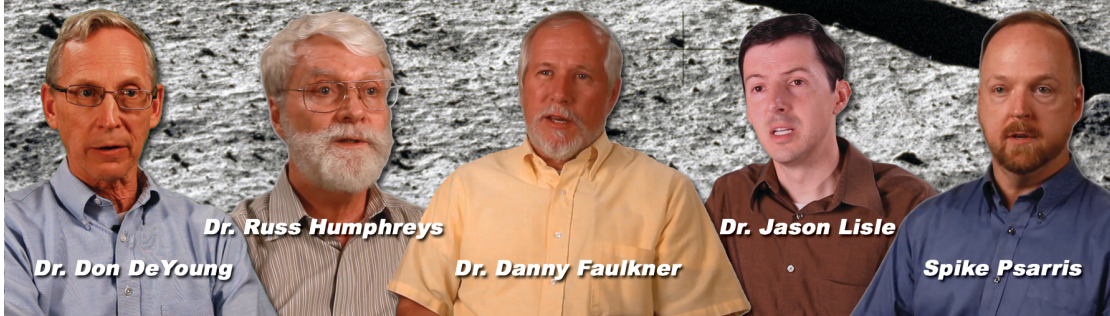
AWESOME SCIENCE MEDIA PRESENTS

EPISODE 11

"The Space Race"

THE HEAVENS DECLARE

***A DVD Series exploring the scientific
evidence which supports the Biblical worldview
for the formation of the universe***



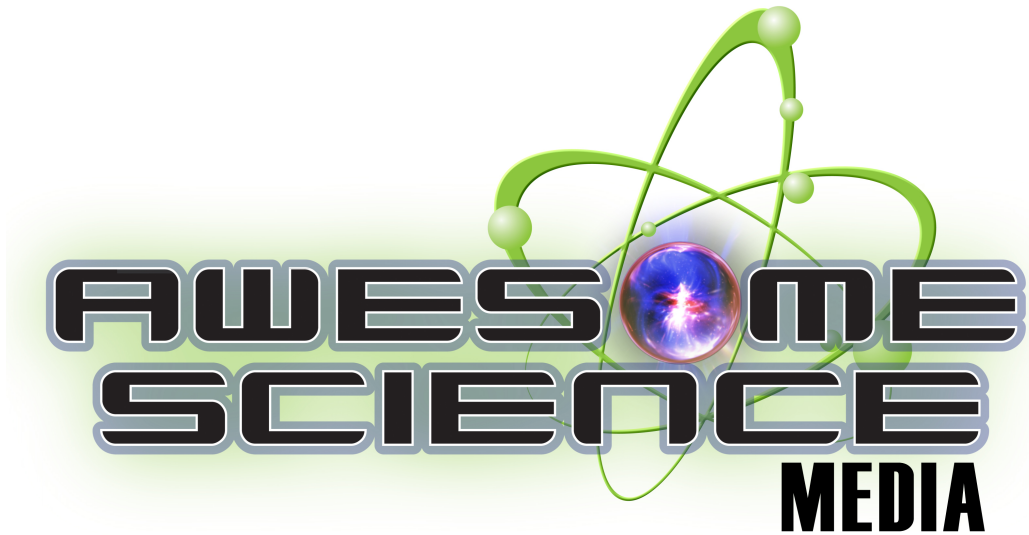
Dr. Don DeYoung

Dr. Russ Humphreys

Dr. Danny Faulkner

Dr. Jason Lisle

Spike Psarris



Presents:

The Heavens Declare – Episode 11

“The Space Race”

Study Guide

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Introduction

Welcome to this study guide for the *Heavens Declare - Episode 11, "The Space Race"*. This guide is designed to be used by youth groups, Sunday schools, church groups, public school parents that want to reinforce their student's faith, or anyone that wants to go deeper in their understanding of the concepts presented in the video. It can also serve as curriculum for homeschool students.

Like the video, this study guide is broken-up into 10 different sections. Please start by watching a chapter of the video, and then complete the accompanying section in this guide. You will find the information presented in several different interesting formats:



Summary. These brief overviews will give a big-picture understanding of the content covered in the video.



Vocabulary. This will be an introduction of possible new terms.



Review Questions. These questions will help to clarify many of the concepts presented throughout the video. Answers to the questions will be presented at the end of this study guide.



Discovery Questions. These questions will take the student deeper in drawing their own conclusions to see the bigger picture.



Scripture Quotes. God's Word will clarify the truth of the concepts being presented.



Quote Boxes. These quotes will demonstrate man's thinking on different subjects.



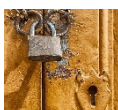
Historical Reference. These boxes will introduce us a person who made contribution to modern thinking.



Interesting Discoveries. These boxes will introduce us a place that made contribution to modern thinking.



Activities. These exercises will focus will provide creative ways to reinforce the information presented.



Riddles. These will be activities that require a problem to be solved, allowing students to arrive at conclusions by going deep.

Chapter 1 - What Has Space Exploration Meant to Humanity?

Please start by watching Chapter 1 of the video, then complete the following section.



“What Has Space Exploration Meant to Humanity?” Summary

Because of all the advances of the space program there is much we have learned. It’s taught us much about the universe, and specifically other planets.

Many of the experts on the video were impacted at an early age from one or more of the space programs. Dr. Lisle mentioned Voyagers 1 and 2, which went past Jupiter, Saturn, Neptune and Uranus. Those missions captured never before seen footage of these planets. Mr. Psarris remembered the Viking landings on Mars.



Microgravity - The condition in which people or objects appear to be weightless.

Dr. De Young spoke of the treasures in space, even the idea that Saturn could literally be a diamond on the inside, and that an asteroid made of pure iron nickel would be worth trillions of dollars. He talked about the potential for future generation to capture some of these resources, and that perhaps God intended us to do so. He also discussed the vastness of God’s world, and pointed out that for every answer we discover, it

brings up brand new questions.

The space station has enabled us to make medical discoveries because there are certain things that can only be done in a microgravity environment. They even put a spider in the Space Station to see if it could spin a web. At first it couldn’t, but then it was able to adjust and was successful.



“...If we give God glory for what he's made, then the space program is just a wonderful asset.

Dr. Jason Lisle, Astrophysicist

Even though those who don’t know God are often leading these expeditions, the one thing we understand is that it all still brings glory to God. And to misunderstand that causes us to miss out on the best reason for space exploration – to see God’s handiwork.



“What Has Space Exploration Meant to Humanity?” Review Questions

1. What were some of the planets Voyager 1 and 2 let us explore?

2. Where did Viking mission go?

3. What could Saturn literally be on the inside?

4. According to Dr. De Young, what would an iron nickel asteroid be worth?

5. What kind of discoveries has the space station enabled us to make? Why was the space station helpful?

6. What should the focus of the space exploration be? Does it accomplish this?



“What Has Space Exploration Meant to Humanity?” Discovery

1. Even if NASA doesn't glorify God, do you believe that they find out there does? Why or why not?
2. Here's a challenge: Find a verse that talks about the stars. Think about it in relation to how big God is, and how small we are. What are some thoughts that come to mind?
3. Is there anything out there you'd like to see pictures of? I challenge you to go find them.