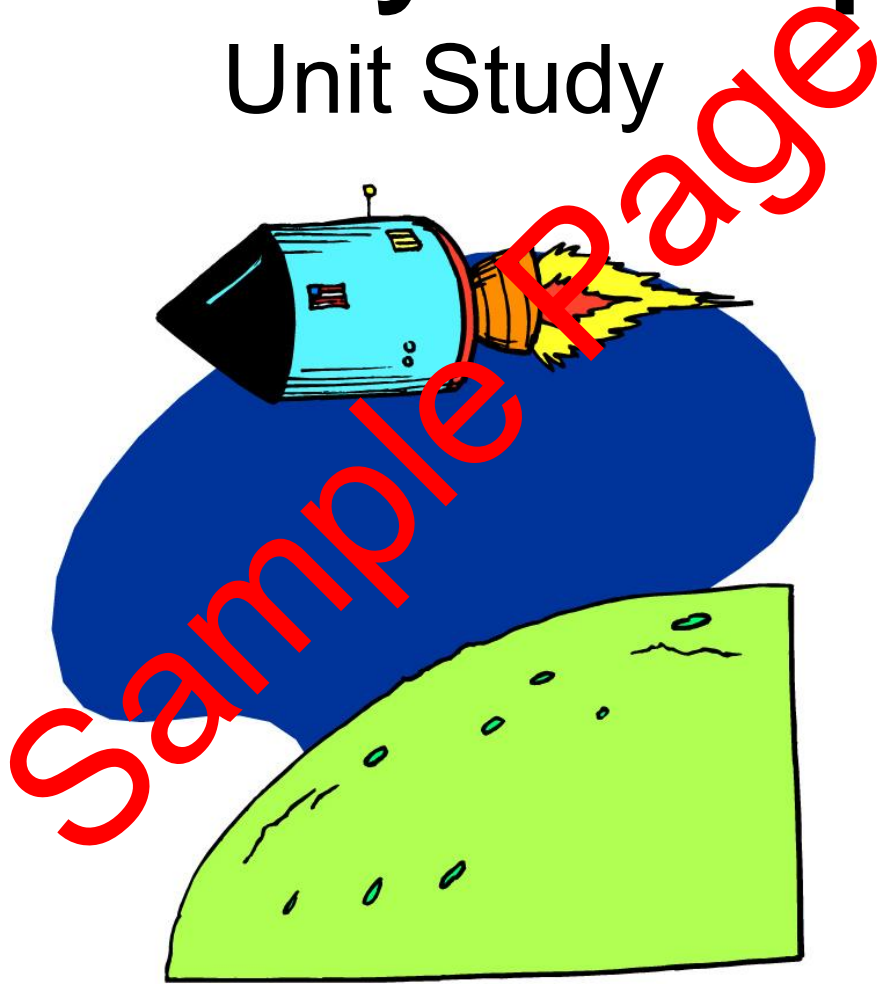




Grades 2-7

Astronomy and Space

Unit Study



A Journey Through Learning
www.ajourneythroughlearning.com

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Sample Page

Thank you for purchasing from **A Journey Through Learning**. We hope that you enjoy our unit study entitled **Astronomy and Space**. Getting started is easy.

First, take the time to just browse through the pages to familiarize yourself with the layout. In this book, you will find many topics.

Each topic has a(an):

- * information page
- *correlating activity pages
- *vocabulary words

Information Page

Each of the topics has an information page to read to your child.

Activity Page

After the information page has been read, it is time to do the activity that is found right after the information page. Some of these activities are more for fun while others are more challenging. All of them will enrich your child's understanding and knowledge of each topic.

Vocabulary Study

The underlined words are vocabulary words. Read each sentence that contains the vocabulary word very carefully. It is important that your child hear the vocabulary words in context. Ask your child if he/she can get the meaning of the word from listening to the sentence it is contained in. Next, turn to the vocabulary pages in the back of the book. Use a dictionary to find the meaning of the word and write it on the lines provided. Vocabulary study increases your child's knowledge of the topic!

How Long Does it Take to Complete A Unit Study?

Doing a study guide page and an activity sheet a day, it should take about one month to complete. However, you can expand the study portion and make it last as long as you like! That's the beauty of homeschooling! Do it YOUR way!

Study Choices

Choice #1- Read the first page of the study guide. Then use the internet and fun children's books to learn more about the topic that is covered in that study guide. For instance-our American Indians Unit Study has a study guide page about Geronimo. Dig into Geronimo. There are probably lots of interesting things to learn about him that the study guide does not cover. Spend a day on Geronimo or spend a week! When your child has completed studying that particular topic, it will be time to do the activity sheet for that topic. The activity sheets are found right after the study guide page that it goes with.

Choice #2- Read only the study guide page and do the activity sheet that goes with it. The activity sheets are found right after the study guide page that it goes with. You may choose to do one study guide/activity sheet per day, two per day, two per week, three per week, etc. It doesn't matter. The pace is completely up to you. At one per day, it will take about a month to complete this unit study.

Tips and tricks to go the extra mile!

Supplies Need:

½ inch three-ring binder

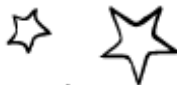
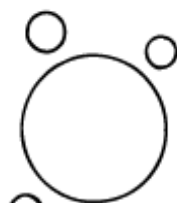
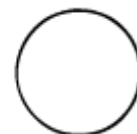
8 tabs (if you are using our copywork and/or notebooking pages, you will need to have 10 tabs. Label with copywork and notebooking)

Your study guide and activity sheet pages

1. Label your tabs: Study Guide, Activity Sheets, Book Log, NICK, Biography Reports, Outlines, and Narration pages (Copywork and Notebooking, if using these).
2. Make copies of NICK notes and outline forms and narration forms, put them behind the tabs. Your child can use either the NICK notes form (easier) or the outline form (a bit harder) after any of the study guides. The narration forms also come in two levels. Choose the correct level for your child. These serve as a good way for your child to show what they have learned.
3. Hole punch your study guide and activity sheets and place behind the correct tab. You will read a page of a study guide. Behind the study guide are all of the activities that go with that study guide.



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 Mars
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 Neptune



Sample Page

Genesis 1

The Creation

1 In the beginning God created the heavens and the earth.

2 The earth was formless and void; and darkness was over the surface of the deep, and the Spirit of God was moving over the surface of the waters.

3 Then God said, "Let there be light"; and there was light.

4 God saw that the light was good; and God separated the light from the darkness.

5 God called the light Day, and the darkness He called Night. And there was evening and there was morning, one day.

6 Then God said, "Let there be an expanse in the midst of the waters, and let it separate the waters from the waters."

7 God made the expanse, and separated the waters which were below the expanse from the waters which were above the expanse; and it was so.

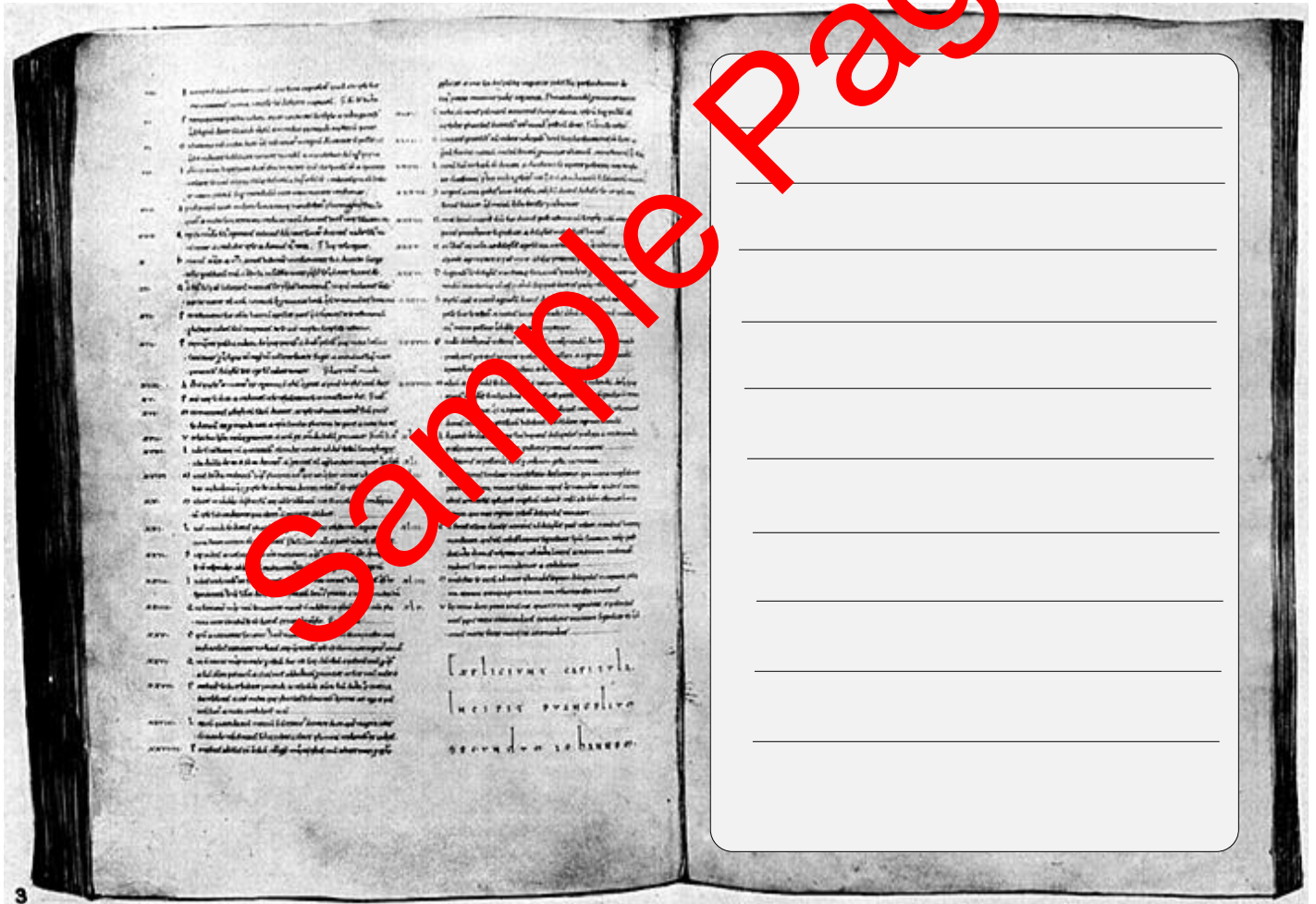
8 God called the expanse Heaven. And there was evening and there was morning, a second day.

9 Then God said, "Let the waters below the heavens be gathered into one place, and let the dry land appear"; and it was so.

10 God called the dry land Earth, and the gathering of the waters He called seas; and God saw that it was good

Use with **The Creation** study guide. Write
Genesis 1:2 in your best handwriting.

2 The earth was formless and void; and darkness was over the surface of the deep, and the Spirit of God was moving over the surface of the waters.



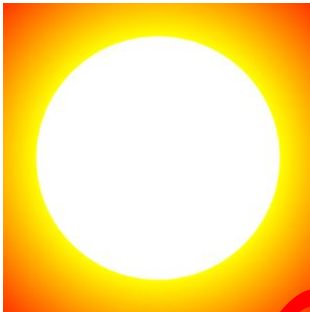
Where Do You Live!

Did you know that you live on a planet that revolves around the sun?

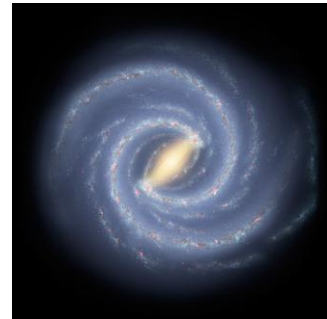


The Earth

And that the sun is just one of billions of stars in the Milky Way galaxy.



The Sun

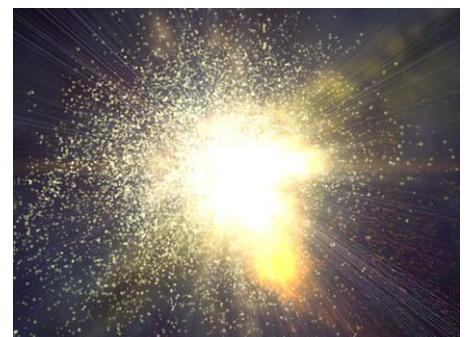


The Milky Way

And the Milky Way galaxy is just one of billions of galaxies in the universe!



Galaxy



Universe

Use with **Where You Live!** study guide. In each box, answer the question.
Then draw or find a picture of it and glue into the space.

Where Do You Live?

Planet

Galaxy

Universe

Sample Page

Solar System

When you gaze up at the dark sky at night, and watch the stars twinkling, do you ever stop and consider what is actually out there? Out in that total darkness, there is an entire solar system at work! The word "solar system" refers to the sun and all of the objects that travel around it.

The Solar System is a huge subject just in its self. We are going to break things down into small pieces to make it easier to understand. Our solar system is shaped like an egg and in the center is the sun. The sun is the biggest object in our solar system. It contains more than 99% of the solar system's mass. Also located in the solar system are 173 known moons, natural satellites (such as the moon), interplanetary dust, and meteoroids.

We divided the solar system into separate regions. The inner Solar System, also known as the charted regions, includes the four terrestrial planets that are the closest to the sun. They are solid spheres of rock and include Mercury, Venus, Earth, and Mars. The main asteroid belt lies between the orbits of Mars and Jupiter. The outer Solar System is everything beyond the asteroids. This includes the four large, gaseous, sphere planets with rings. There are Jupiter, Saturn, Uranus, and Neptune. A new belt, named the Kuiper belt, was discovered in the outermost parts of the Solar System beyond Neptune. This new area is now considered a distinct.



Use with **Solar System** study guide. Answer the questions.

What is a solar system? _____

What is located inside of the solar system? _____

What is the largest object in the solar system? _____

How many planets are located in our solar system? _____

