



Name _____ Date _____



WEB QUEST: FURTHER EXPLORING THE UNIVERSE

INTRODUCTION:

During this Web quest you'll learn about some amazing things related to the science of space: **gravity, black holes, and robots.**

Gravity

Explore the subject of gravity at <http://spaceplace.nasa.gov/en/kids/orbits2.shtml>, then answer the questions below based on what you find.

- 1 Name two things that would happen to the stars and planets if gravity did not exist:

- 2 According to Albert Einstein, which has a more powerful gravity: a small planet or a large planet? Can you explain why?

Black Holes

Visit www.nasa.gov/worldbook/blackhole_worldbook.html to learn more about black holes, then find the answers to these questions.

- 3 What is a black hole?

- 4 Why can't you see a black hole?

Robots

Robots have been helping humans on Earth and in outer space for a long time. Go to www.nasa.gov/audience/forkids/home/F_NASA_Robot_Storybook.html and learn all about them. Then locate the answers to the last two questions.

- 5 Name four ways in which scientists use robots:

- 6 Find the names of three robots that are spacecraft and list them here:
