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:

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