

Physical Science on The Space Place

Space Fun Quest

Instructions: Go to spaceplace.nasa.gov. For each “find” below, type into the Space Place Search field the word in **bold** letters. What you are looking for will be on the resulting menu, but may not be the only thing on the menu. When you find the item, **write in the answer or the title of the page or paste in the URL.**

Find the game that uses colored balls to stand for **photons** (“particles” of light). What color are the balls that stand for visible light in this game?

Find a game and article about rescuing things from a **black hole**. What kind of force surrounds a black hole and makes it black?

Find a **cat** as it would look in infrared light. Look at some of the pictures in the infrared photo album. Now, which parts of the cartoon cat are the coldest?

Find an article about sending a message to **aliens**. Name one of the spacecraft that carries the message.

Find the **paper folding** activity about stars. What constellation looks like a hunter?

Find a game with **infrared slider** puzzles. Find the puzzles with a space object that looks like an eye. What is the name of the object?

In the **Space Gallery**, find the image of a nebula (a cloud of glowing gas) that looks a little like a figure 8. What is the name of this nebula?

In the **Space Gallery**, find an image that has more than 12 galaxies in the same image. What is the thumbnail title of the image?

In the **Space Gallery**, find three pictures of nebulas (glowing clouds of gas) named for animals (insects, birds, sea creatures, etc.). Name the nebulas.

Find a story about a girl who longed to find an Earth-like **exoplanet** (a planet outside our solar system). What is the girl’s name?