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Activities

Magnetic Resonance Imaging

Name: _____ Date: _____

Magnetic Resonance Imaging or MRI is a powerful medical tool. Crystal-clear MRIs reveal things impossible to see with X-rays alone. You'll find out how MRIs work in this Planet Diary activity.

Directions

- Start with this MRI tutorial. Click the MRI door to continue. Follow the onscreen instructions. Answer questions 1 and 2 in the Workspace as you advance through it.
- After April is done in the MRI prep room, click the *Learn More* flashing lightbulb to learn how the MRI machine works. Use the information to answer the remaining questions. To re-enter the MRI room, click *Check In* from the menu on the bottom of the screen.
- Explore what's behind the X-ray and CT-scan doors to learn how these technologies work.

Workspace

1. Why do MRI patients need to remove anything that's metal?

2. Why does a patient need an IV (intravenous)?

3. What does the MRI's magnet do?

4. Why does a patient need to hold perfectly still inside the machine?

5. What does a radiologist look for when examining MRI pictures?

6. Why does an MRI show that an X-ray or CT-scan can't?

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