



Lesson 1 Worksheet

This worksheet will focus on the introduction to imaging technology. You may answer these questions while learning the lesson or afterwards. Try to answer each question thoroughly, either in sentence form or bullet points.

Recommended Grade Levels: 6-8

Short Answer Questions

What does M.R.I. stand for? What does the name mean?

What do MRI machines do?

What are some examples of other imaging devices? How are they different?

Who invented the MRI? When?



How does an MRI use magnets to impact particles in the body?

What happens to the hydrogen particles in the body when inside an MRI machine?

What is a radiofrequency pulse?

How does the MRI receive signals?

How does a gradient magnetic field allow the MRI to form detailed images?