

Inside Reading Level Intro
Unit 1 “Brain Mapping Today” Pre-Reading Activities

Name: _____

Date: _____

Reading 2 in Unit 1 tells how scientists look at and study the brain.

Look at the underlined words in the summary of the Reading below.

Special machines are used to create an image, or picture, of the brain. This is also called a brain scan. The scan helps scientists create a map of the brain and its different parts.

When used to talk about the topic of the brain, these words have related meanings. An image, a scan, and a map are types of pictures that show the different parts of the brain.

These words have different word forms. Read each phrase or sentence from the Reading below. Underline the different word forms of *image*, *scan*, and *map* that are used:

1. Brain Mapping Today
2. One kind of scanning is MRI.
3. These letters stand for Magnetic Resonance Imaging.

When *-ing* is added to the words, it changes the meaning of the word. Read the example below.

A *map* is a picture that shows the different parts of something.
Mapping is the process of creating a map of something.

Now look at page 11 of the Reading. Look for the sentences below. Record the correct form of the word that completes the sentence.

4. Special maps show brain _____ from different kinds of people.
5. Doctors around the world can examine these maps online. They can compare these
images with brain _____ from their own patients.
6. Brain _____ is a wonder of modern technology.

Inside Reading Level Intro
Unit 1 “Brain Mapping Today” Pre-Reading Activities
Answer Key

When used to talk about the topic of the brain, these words have related meanings. An image, a scan, and a map are types of pictures that show the different parts of the brain.

These words have different word forms. Read each phrase or sentence from the Reading below. Underline the different word forms of *image*, *scan*, and *map* that are used:

1. Brain Mapping Today
2. One kind of scanning is MRI.
3. These letters stand for Magnetic Resonance Imaging.

When *-ing* is added to the words, it changes the meaning of the word. Read the example below.

A *map* is a picture that shows the different parts of something.
Mapping is the process of creating a map of something.

Now look at page 11 of the Reading. Look for the sentences below. Record the correct form of the word that completes the sentence.

4. Special maps show brain images from different kinds of people.
5. Doctors around the world can examine these maps online. They can compare these images with brain scans from their own patients.
6. Brain mapping is a wonder of modern technology.