

Name _____

Date _____

Scanning the Brain (Student Organizer)

Explore the different technologies used to explore the brain and record the information in the chart below.

| Technology | How it Works | Information it Provides | Advantages/Drawbacks |
|--|--------------|-------------------------|----------------------|
| CAT (or CT) Scanning (computerized axial tomography) | | | |
| EEG (electro-encephalograph) | | | |
| MEG (magneto-encephalography) | | | |
| MRI and fMRI (magnetic resonance imaging and functional magnetic resonance imaging) | | | |
| PET (Positron Emission Tomography) | | | |