



# MENTAL PRIVACY

## Lesson Plan

**Target Age: 14–16 years**

**Duration: 1 hour**

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**MoBaT Source:** Radboud University MRI Lab, Karolinska Institute MEG Lab, and MoBaT Museum Hub

## Aims & Goals

- **Core Goal:** To evaluate how different neuroimaging technologies (MRI vs. MEG) impact mental privacy and why ‘Neuro-rights’ are becoming a legal necessity.
- **Learning Objectives:**
  - Students will be able to contrast the blood flow data of fMRI with the electromagnetic data of MEG.
  - Students will be able to argue a position on ‘Mental Privacy’ based on the ethical frameworks related to ***Dimension 8: Metaphysics.***

## Introduction

- **The Prompt:** "At Radboud University, the scientist says MRI can see what happens in your brain while you are thinking, and potentially even dreaming. At the Karolinska Institute, the MEG scanner can record your electrical brain activity down to the millisecond. If your dreams and thoughts are now 'data' stored on a computer, who owns the copyright to your imagination?"

## Core Learning Activities

- **Task - The Neuro-Rights Detective:**
  - **The Tech:** Visit the MRI Lab and the MEG Lab. Compare the different methods for studying brain activity. What are the key differences between them?
  - **The Ethical Breach:** Navigate to ***Dimension 8: Neurometaphysics*** at the Main Brain. Identify the definition of cognitive liberty. How do the labs you just visited potentially threaten this liberty?
  - **The Legal Brief:** Go to the Neural Network News wall. Find the story about Colorado's Neuro-rights law. Explain why they found it necessary to protect the 'integrity and privacy of the mind' in law. Can you think of any scenarios where companies have access to the privacy of your mind right now?
- **Integration:** This connects ***Dimension 1: Empirical & Clinical Neuroscience***, which focuses on how we get the data, with some of the real-world consequences related to that data in ***Dimension 8: Neurometaphysics***.

## Assessment

- **The Digital Mind Bill of Rights:** "You are a legal advisor for the first human to have their dreams successfully recorded. Draft two 'Neuro-rights' clauses that would protect them from their dream-data being sold to an advertising company."