

HOW DOES **THC** **IMPACT** BRAIN DEVELOPMENT IN TEENS?

Even with 1-2 uses, THC use in teens causes changes in brain development and function. Talk to your teens about the impact of THC on their brain!

BRAIN PART, FUNCTION, AND THC IMPACT:

1. Prefrontal cortex

Executive function and higher reasoning
Increases impulsiveness and reduces judgment

2. Nucleus accumbens

The reward circuit
Increases euphoria

3. Amygdala

Emotions, fear, anxiety
Increases paranoia, panic

4. Hippocampus

Learning new information
Impairs memory

5. Orbitofrontal cortex

Motivation and drive
Decreases desire to do things

6. Basal ganglia

Planning and starting movement
Slows reaction time

7. Cerebellum

Motor skills, balance
Impairs coordination

8. Hypothalamus

Eating, sex drive
Increases appetite

9. Neocortex

Feeling and movement
Alters sensations

