

Educator guide: Defend the brain game

Recommended for grades:

4th – 5th grades

Time:

3 minutes

Prerequisites:

In order for students to be successful in the game, students would benefit from participating in the Marijuana lesson.

National Health Education Standards:

This activity aligns with the following National Health Education Standards:

- Standard 1: Use functional health information to support health and well-being of self and others.
- Standard 6: Use a goal setting process to support health and well-being of self and others.
- Standard 7: Demonstrate practices and behaviors to support health and well-being of self and others.

For more information about the National Health Education Standards, visit the SHAPE America website: shapeamerica.org.

Activity description:

In this game, students control a rotating shield that protects a brain in the center of the screen from THC. At the same time, a figure is shown moving toward a student-chosen goal. If too much THC gets to the brain, the figure collapses, doesn't reach the goal and the game ends. Various power-ups will also move toward the brain. When the power-ups hit the shield, the shield is given extra powers. The player needs to protect the brain from THC long enough for the figure to reach the goal.

Vocabulary:

Use the following list of vocabulary as a reference for yourself or your students as you complete the Defend the brain game. You may choose to use this list in any way that fits your needs.

- Long-term goal – things a person wants to accomplish in the future, usually a year or more away
- Short-term goal – things a person wants to achieve in the near future, usually within a few months
- THC – the main active chemical in marijuana, which causes the high for marijuana users. THC is the abbreviation for the chemical delta-9-tetrahydrocannabinol.

Transcript

Instructions

Welcome to Defend the Brain. Keep THC out of the brain and reach your goals.

Before you play, you must choose a goal you would like to reach. It's not time to choose a goal yet. The game hasn't started.

You must protect the brain from THC to reach your goal.

Rotate the shield around the brain by using the "N" and "M" keys on your keyboard, the arrow keys, or the on-screen controls. You can't rotate the shield now. The game hasn't started.

Use the shield to block THC from entering the brain.

Catch power-ups to give the shield special powers. These will make it much easier to defend the brain, so get them whenever you can.

As you protect the brain you will move closer to your goal.

If too much THC gets into the brain, you won't reach your goal and the game will end.

If you protect the brain long enough, you will reach your goal.

Ready to play? Click the play button to begin.

Goal selection

Select a goal you would like to reach to begin the game.

Win

Great job! You protected the brain from THC and reached your goal! Select another goal to play again.

Lose

Game over. Too much THC got into the brain and you didn't reach your goal. Select another goal to play again.



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Contact us:

**Children's Wisconsin
E-Learning Center**

(866) 228-5670

healthykids@childrenswi.org

