

GAMES THAT PROMOTE STEM-BASED LEARNING



Minecraft

Image source: Minecraft

Game based on electronics and programming



Dimenxian

Image source: Shutterstock

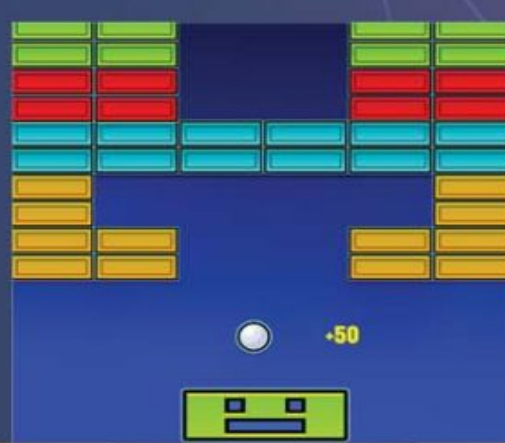
Game based on algebra and mathematical learning



Ask Dr. Universe

Image source: Ask Dr. Universe

STEM game based on question-answer sessions



Processing Arduino

Image source: Shutterstock

Game based on language and programming



Portal 2

Image source: Valve Corporation

Game based on physics and gravity



Wonderville

Image source: Freepik

Website that offers several games based on STEM and scientific thinking

Note:

Children should be allowed to play games according to the recommended screen time as per their age to avoid the adverse effects of excessive screen time.

References:

1. Video games: A route to large-scale STEM education?; Research Gate
2. Video Games in the STEM Classroom; Edutopia
3. STEM Games for Kids; Maryville University