

TRICKY MULTI-PLAYER MULTI-PLANAR PUZZLE

TMPMPP is a three-dimensional (3D) puzzle, which aims to help develop teamwork and communication skills with co-operative interactive challenges.

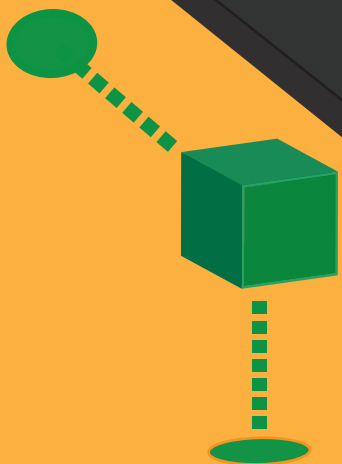
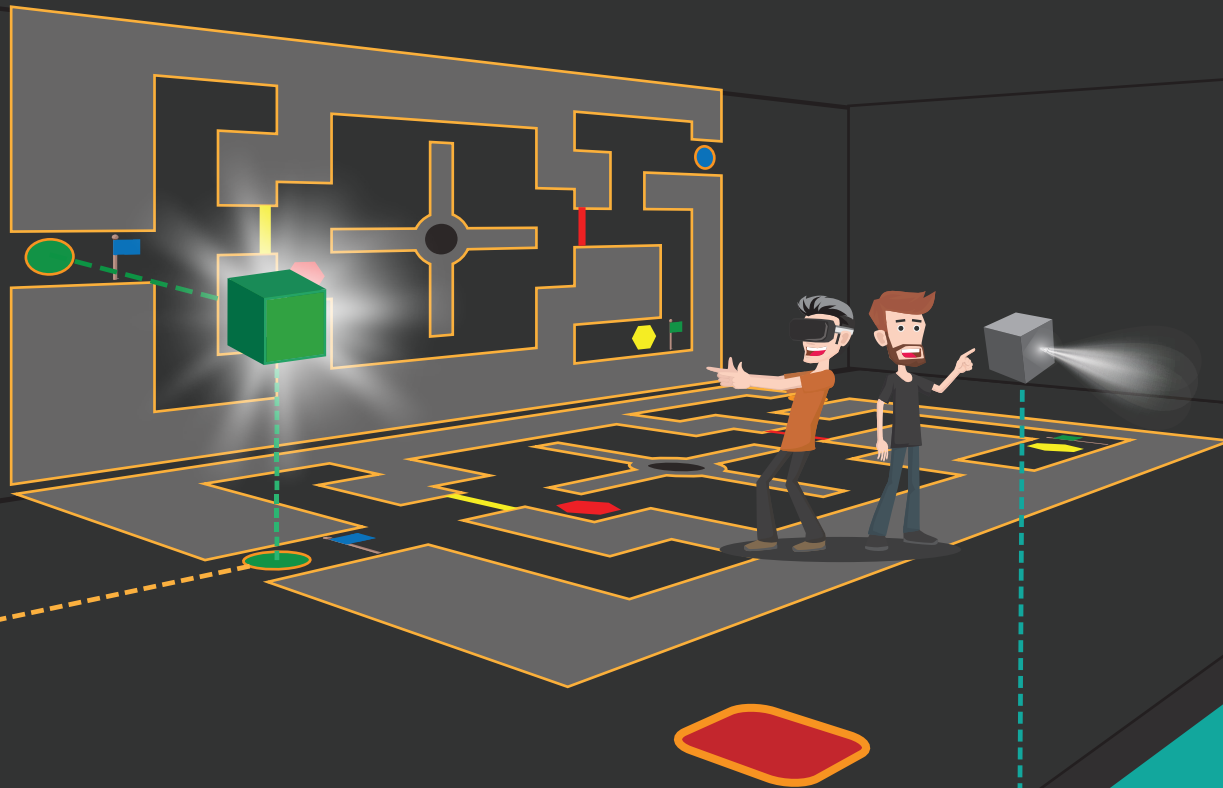
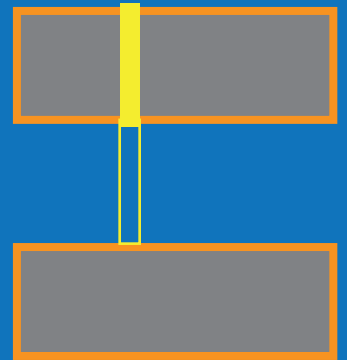
Cutting Edge

Participants interact with HTC Vive controllers and physical objects to affect elements in the virtual environment.



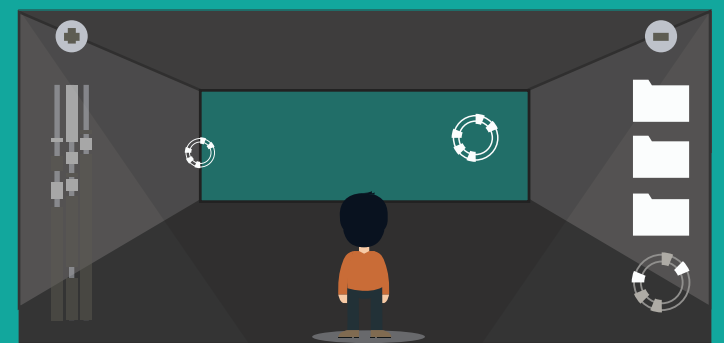
Puzzles include physical and virtual challenges such as pressure pads which force teamwork and cooperation in order to progress further. Levels are specifically designed so that a single participant cannot complete them by themselves.

Co-Operative & Problem solving



Tracked objects are reflected in the virtual environment. The virtual objects can collide and affect the virtual elements of the puzzle.

Physical Interaction



Multi-Reality

See in to virtual reality through the perspective of the camera cube



Team Members:

Woody Hill
Daya Kern
Raul Revelo
Xu Liu

References:

http://www.freepik.com/free-vector/virtual-reality-background-with-world-map-and-man-using-virtual-glasses_1012424.htm#term=vr%20glasses&page=1&position=6

http://www.freepik.com/free-vector/young-people-with-virtual-reality-glasses_1019789.htm#term=vr%20glasses&page=1&position=0

Supported By:

