

# Consumption to Creation: Coding VR/AR

## Become Familiar with CoSpaces

- [CoSpaces Website](#)
- CoSpaces [Gallery](#) (see finished projects). Many of the highest quality projects tend to be created by CoSpaces Team, including the ones below:
  - [VR/AR] [Parkour game](#)
  - [VR/AR] [Munich city tour](#)
  - [VR/AR] [AR/VR museum](#)
  - [VR/AR] [Treasure hunt](#)
  - [VR/AR] [Goldilocks and the 3 bears](#)
  - [VR/AR] [Ice skating game](#)
  - [MERGE Cube (AR)] [Doll House](#)
  - [MERGE Cube (AR)] [Solar System](#)
  - [MERGE Cube (AR)] [Music Box](#)
  - [MERGE Cube (AR)] [Aquarium](#)
  - [MERGE Cube (AR)] [Atoms](#)

## Learn the Basics

Create your own space!

- ❑ Add an [environment](#).
- ❑ Add [objects](#).
- ❑ [Animate](#) objects.
- ❑ [Attach](#) objects.
- ❑ Add [speech or thought bubbles](#).
- ❑ Make objects move through the space (Examples: A person walking, a bird flying).
  - ❑ [Traditional movement](#)
  - ❑ Movement using [paths](#)
- ❑ Activate objects (make them do something) [when clicked on](#).
- ❑ Activate objects (make them do something) [when hovered over](#).
- ❑ Activate objects (make them do something) [when they collide with other objects](#).
- ❑ [Add music or sounds](#)
- ❑ Add additional [scenes](#) (like chapters in a book)

For Merge Cube: [Basics of Merge Cube](#)

Take your space to the next level!

Explore:

- [Data](#)
- [Functions](#)
- Adding your own 3D photo to CoSpaces
  - [Taking photo](#)
  - [Uploading photo](#)
- [Adding images to CoSpaces](#)
- [Adding new 3D images to CoSpaces \(including those designed by students in Tinkercad, for example\)](#)
- [Coding with JavaScript](#)
- Physics Mode
  - [Intro](#)
  - [Coding](#)
  - [Control](#)

Review the potential impact of CoSpaces on student learning

Explore:

- [Sample coding portfolio guidelines](#)
  - [Student example 1](#)
  - [Student example 2](#)
  - [Student example 3](#)
- [Sample CoSpaces Rubric](#)
- [Daily reflection and goal setting form](#)
- [Lesson Plans](#)

More CoSpaces Resources

- [YouTube Channel](#)
- [CoSpaces Forum](#)