

House design

Lesson complexity: Intermediate

Grades: Grade 3 and up

Subjects: STEM, Social sciences, Languages, Arts

Created by: CoSpaces Edu

Introduction:

With CoSpaces Edu's creation tools, it's very easy to build a house or apartment in 3D. This activity enables kids to discover 3D creation and modeling through the construction of a virtual house or apartment. You can ask your students to recreate the place they live in, or to invent and build their dream house. The objective of this lesson is to teach spatial awareness and let students experiment with the basic principles of construction and architecture while having fun, of course!

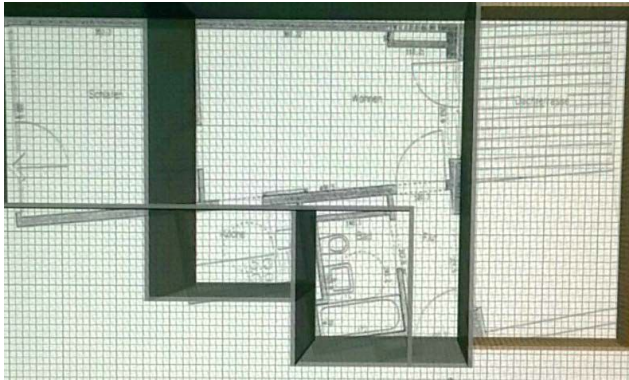
Benefits:

- Encourage kids to invent, create and build
- Teach spatial awareness and construction basics
- Develop creativity and sense of design
- Have fun and motivate

Activity example:

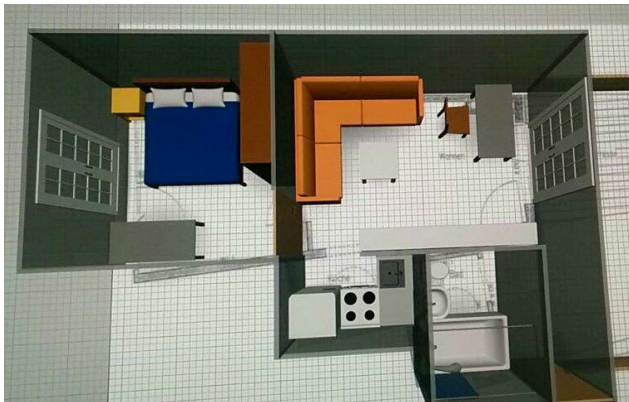
1. Start off by asking students to create a floor plan or draw their own house.
2. Ask your students to create their house or apartment in CoSpaces Edu using all the tools and assets at their disposal.
3. In a second phase, students can also use animations and code to add some actions and make their space lively.
4. Optionally, ask students to present their virtual house or apartment to the class.

Creation guide



Use an image of a floor plan or a drawing as the basis on which to build your house or apartment.

Import it as a stage image from the “Upload” section.

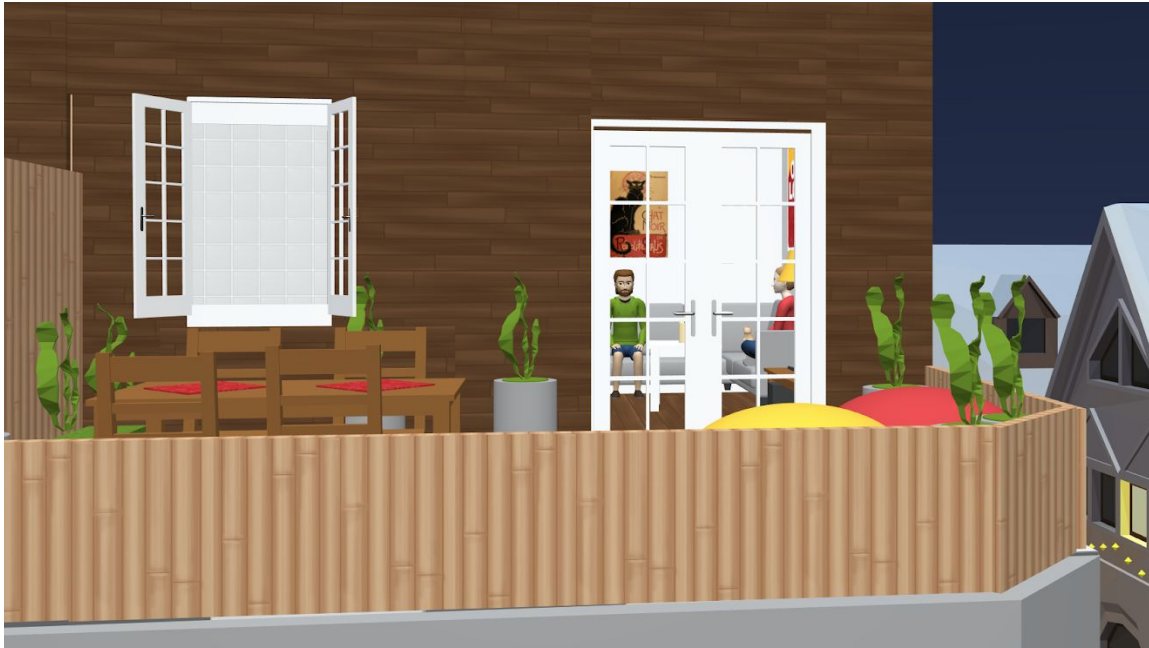


Working on top of the stage image, create your house in 3D using the building blocks available in CoSpaces Edu and the directions provided by the stage image.



Once the building is ready, it's time to have fun doing some interior design!

Example space



Apartment design

[View example space](#)