



## Elective Digital Design for all classes

Students will be able to take an optional Digital Design course. By using a 3D modeling Computer-Aided Design (CAD) program participants will learn to build different structures based on architectural, product design and interior design. Mathematical knowledge such as area, volume and transformations will be used in an exciting way.

### Why Digital Design?

Digital Design will help you:

- to develop spatial thinking skills
- to develop your creativity and problem-solving skills
- to unleash your imagination and bring your ideas to life
- to visualize some abstract mathematics concept
- to improve your technical skills

### What will we be doing?

We will complete one project per semester.

Depending on experience and age we will create:

- small objects
- pieces of furniture
- interior design
- tiny houses
- large buildings



### Software:

SketchUp is a fantastic tool to explore creativity, enhance spatial awareness, and develop valuable problem-solving skills.



Petrut Grigore

“Design is thinking made visual.” – Saul Bass