



**Background:**

Innovate = to make changes in something established, especially by introducing new methods, ideas, or products.

In this challenge, you need to design a classroom for 2025. We are not talking about Star Wars and the Jetsons' futuristic classrooms, but 10 years from now we could be going to school in a completely new environment. We want your team to create a classroom of the future that will improve student learning.

**Layout** – As a team, practice thinking about and arranging different layouts for your classroom. Design the plan (an overhead view) for a new classroom that includes the furniture, windows, doors, location for the teacher, and new technology. You can cut and paste or draw your ideas.

*Sketch* – With a partner, sketch a picture of the classroom. The worksheets provided give you a framework for walls, floor, and a ceiling. Based on the team *Layout*, you can draw the classroom in 3D. Each person can choose to add new ideas to the design. Share them with the team when you finish.

**Diorama** – As a team, create a 3D diorama for your classroom for 2025. You have been given a blank shoe box, materials, and little scale figures to build your diorama. Your team can choose to cut holes in the box, color it, and build onto it. Make sure everyone in the team has a task.

**Presentation** – Teams will present their diorama to the judges, using the *Layout* and *Sketches* to support their design. Plan your presentation carefully to include everyone. Every student must participate in the presentation to the judges. You will have 5 to 7 minutes to deliver your presentation.

**Evaluation Criteria:**

The designs will be evaluated based on the following criteria:

Design criteria
How visionary is the idea?
What innovations in the team's design will improve student learning?
Did the team consider the design of all parts of the room (floor, ceiling, walls)?
Did the team consider the teacher as well as the students?
How feasible is the classroom design?
Did the team describe their design well?
Did the team work well together?
Did the team present the design well?