

Mayku

Terrarium Design

Students will explore what a terrarium is (why and how they were invented) and begin to think about how they will design their own.



1.800.800.0019

www.connection.com/STEAM

Terrarium (<https://teach.mayku.me/lessons/26>)

Art & Design

- 50 minutes
- Prep Time: 10 minutes
- [Save To Favourites](#)

Students will explore what a terrarium is (why and how they were invented) and begin to think about how they will design their own.

- [Start Teaching](#)
- [Next Lesson](#)

• Aim

Students will learn to create sketchbooks to record their observations – using them to review and revisit ideas. They will explore their understanding of photosynthesis and rain cycles.

• Success Criteria

Students will develop preferred styles and processes of sketching and recording their ideas, while drawing inspiration from well-known figures in the field.

• Prior Knowledge

Students will benefit from experience drawing, painting and sculpting to develop their ideas.

Online Resources

- **Lesson Plan**
- **Class Presentation**
- **Student Worksheet**

Materials

For each student you will need:

- Pencil
- Colouring Pencils
- ¼ Mayku Standard Sheet
- 1 Pair of Scissors

Prep

10 minutes mins

- Print worksheets and edit presentation.

5 minutes

- Prepare FormBox, clay and other making materials.

5 minutes

Teach

50 minutes mins

- 10 minutes mins

Explain to students that they will be making a terrarium. Ask them if they know what that is and how/why it works. They will be making their own, drawing inspiration from 'nature-based' artists and designers.

Theory: Understanding the importance of photosynthesis and how the water cycle works to inform student's designs.

- 15 minutes mins

Discussion of the different ways of making terrariums and then a demonstration of the FormBox so that students gain awareness for the design stages of their own.

Theory: Understanding and exploring tools, resources and effects while designing and making products.

- 20 minutes mins

Using the templates provided, design a few different terrariums and evaluate them with a partner. Explain why the size and shape have been chosen and solicit feedback on how to make them better.

Theory: Students will develop preferred styles and processes of sketching and recording their developing ideas, drawing on feedback from others.

- 5 minutes mins

Encourage students to think about what they have learned and any next steps.

Theory: Reflection, evaluation and goal-setting.