

(ENG) Similar and different equipment

Introduction

Step 1 - Motivational Stage

Step 2 - Investigational Stage

Step 3 - Consolidation Stage

Introduction



#Online activity #In-class activity #Artwork

Pupils compare the equipment of an artist, a scientist, and common kitchen equipment

Learning Objectives



get to know lab equipment virtually.

ACTIVITY DETAILS

Activity Details

Connection of the activity with Art

Art techniques



Link to local, national School Curriculum

General & Safety/ Laboratory Equipment



Equipment required —

- Connection to the Internet



Duration of activity —

45 minutes



Sources —

Step 1 - Motivational Stage



Ask the pupils the following questions:



“ What is typical lab equipment? ”



“ Do they have something in common with kitchen tools or the equipment artists use? ”

Step 2 - Investigational Stage



STUDENTS' TASKS

1

Task 1

Below is a list of typical laboratory equipment:

- Tweezers
- Bunsen burner
- Erlenmeyer flask
- Beaker
- Graduated cylinder
- Microtome brush
- Pipette
- Spatula

Give the list to the pupils and ask them to find out what this equipment is used for by looking them up on Google, for example.

2

Task 2

Ask them to consider if similar equipment can be found in your home kitchen.

3

Task 3

Ask them to tell how the uses of laboratory and kitchen equipment differ from each other when it comes to things like safety, washing and intended use.

Task 4

An artist's basic tools include a paint brush, a palette, and a palette knife. Can the pupils find out what they're used for and consider if they resemble laboratory equipment in any way? What kind of differences do they notice?

Step 3 - Consolidation Stage



An artist's basic tools include a paint brush, a palette, and a palette knife.

Ask them the following questions:



“ Can you find out what they’re used for and consider if they resemble laboratory equipment in any way? ”



“ Why do many artists use a white coat like laboratory workers do? ”



“ What kind of differences do they notice? ”



“ Are there differences in safety, washing routines, or usage? ”

End of the activity

EXIT