



TITLE: USEFUL BACTERIA

PEDAGOGICAL OBJECTIVES:

- Understand that beneficial bacteria can help keep us healthy
- Know that most bacteria are beneficial to us
- Know that bacteria can be put to good use
- Learn about a scientist who discovered the benefits of a bacterium

ESCAPE ROOM SPECIFICS:

Time needed: 60 minutes

Target Group: 13 – 15 years old students

Number of participants: 25-26

Level: 7-9 grade – General secondary education

STEAM subjects covered:
 Biology – Prokaryotic cells/Bacteria
 Technology - Fermentation process; production of yogurt

ESCAPE ROOM SCENARIO KEY POINTS:

- Who are the participants?

Students have to use their knowledge about useful bacteria to find the only food that can restrict the development of a pandemic agent

- What is their mission?

Their mission is by solving the puzzles to find the secret recipe for making a very healthy yogurt and save many people from early death.

ESCAPE ROOM MAIN MATERIALS:

- Pens/Pencils
- Paper
- Highlighters
- Biology book – on each station's table
- Visuals of bacteria - for each station
- Paper bags/folders – 5 for each station containing the materials for each puzzle

