

Product Information Sheet

Biomedical Technology Kit



The Biomedical Technology Kit contains everything you need for a classroom-based resource to investigate germs, the spread of disease, and the purpose of vaccination.

The Biomedical Technology Kit includes germ simulation lotion that can be used to investigate the importance of hand washing and sanitation. The kit also contains a set of "contamination" bean bags that can be used to show how easily cross contamination can occur and allows students to explore preventative measures.

The included curriculum resources allow students to study the principles of sanitation, spread of disease and vaccination.

Typical Topics Include:

- Sanitation
- Hygienic hand washing
- Spread of disease
- Vaccination
- Genetic engineering

Typical Tasks Include:

- Use a cross contamination kit to show germ spread and use a hand washing tester kit to check how well hands have been washed and how many "germs" remain when hands are placed under UV light.
- Use contamination kit to show how germs are transferred, then have a group of people wearing "vaccination gloves" to demonstrate herd immunity.

Items Included:

- Contamination bean bag set
- Simulated germ solution
- UV light source
- Stop watch
- Soap, wipes, nail brush, and disposable gloves
- Curriculum-based learning content

Other Items Required:

- PC or tablet device to access curriculum resources

General Information:

Power Requirements: None
Kit Dimensions: 455 x 350 x 112 mm (WxHxD) per kit
Packed Volume: Approx. 0.025 m³ per kit
Packed Weight: Approx. 4 kg per teaching set

Order Code: 230-01

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