



Targeted Teaching Topic

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Summary of Topic:

Hand Washing Activity

Main Curriculum Tie:

Infection control.

Required Materials for Lesson:

- Glow in the dark “goo”.
- Directions for hand washing.
- Black light.

Background for Teacher:

Information on bacteria and other pathogens. Direct and indirect contact and how diseases spread.

Student Prior Knowledge:

Knowledge of pathogens and their spread. Instructions on proper hand washing techniques.

Intended Learning Outcome:

How diseases are spread.

Instructional Procedure:

- Demonstration on proper hand washing technique. Emphasis in discussion on bacteria presence in everyday places.
- Ask students to “apply” glow in the dark “goo” and then practice proper hand washing technique.
- Have students place hands under black light and see what residue remains from the glow in the dark “goo”.

How to Measure Outcome:

Amount of residue visible for each one. Have them rate their hand washing on a 1-10 scale with 10 being no residue remaining.