

## **Grade 6-7 Lesson Plan: Hand Hygiene**

### **Resources/Materials:**

- PPT- MedBridge Handwashing Session (G6-7)
- Glo Germ Fluorescent Gel (amount as needed)
- UV Flashlight (amount as needed)
- Stickers (amount as needed)

### **1. What Are Germs and Dirt? (2 min)**

Define germs as microorganisms (bacteria, viruses) that can cause illness.

Quick discussion: "Can you name some illnesses caused by germs?"

### **2. How Do Our Hands Get Dirty? (2 min)**

Brainstorm common ways: touching surfaces, phones, sneezing/coughing, etc.

Emphasize: "Our hands touch hundreds of surfaces daily!"

### **3. Why Do Clean Hands Matter? (2 min)**

Discuss disease transmission: "Germs spread when we touch our face, eat, or touch others."

### **4. Handwashing Technique Demo (5 min)**

Demonstrate each step as on PowerPoint slides

Explain the "why" behind each step (soap breaks down germs, scrubbing removes them, etc.).

### **5. Group Demo (3 min)**

Divide into groups of 3-5 students.

Students practice technique together

## 6. Glo Germ Application (2 min)

Apply fluorescent gel to all students' hands.

Explain the science: "This simulates how germs stick to our skin."

## 7. Wash Hands Practical Test (5 min)

Students go to bathroom to wash hands using proper technique.

## 8. UV Light Quality Check (5 min)

Check hands with UV light upon exit.

Clean hands = sticker! Residue visible = wash again with guidance on missed spots.

## 9. SDG Real-world Problem Discussion (5 min)

Divide into groups of 3-5 students.

Students discuss solutions to the SDG-related problem as on the PowerPoint

Each group chooses a representative and take turns sharing solutions to the class

## 10. Ask for Feedback and Questions (3 min)

**Taobao Links (China) for Materials Purchase (for about 200 students):**

| Item                                                              | Qty | Unit Price | Purchase link                                                                                                   | Total |
|-------------------------------------------------------------------|-----|------------|-----------------------------------------------------------------------------------------------------------------|-------|
| 'Glo Germ' Fluorescent Reagent + UV Flashlight (cheaper as a set) | X   | ¥289       | <a href="https://e.tb.cn/h.S2hV0bSyUcTDGsN?tk=PD5J4uESuxm">https://e.tb.cn/h.S2hV0bSyUcTDGsN?tk=PD5J4uESuxm</a> | ¥578  |
| Total Cost:                                                       |     |            |                                                                                                                 | ¥578  |