

GERM BUSTERS

KINDERGARTEN



LEARNING OBJECTIVES

- Understand how soap breaks down germs and kills bacteria
- Explain immunity systems and disease prevention methods
- Recognize body's natural defenses (mucus, sneezing, skin)
- Understand different medical careers and important healthcare roles
- Practice and demonstrate proper hygiene techniques
- Observe and communicate scientific observations accurately

7 WEEK UNIT

GERMS & IMMUNITY SYSTEMS

WEEKLY ACTIVITIES

1. Community Helpers Extended: Radiologist, Paramedic, Nurse careers
2. Hand Washing & Germs: Soap experiment with olive oil
3. Immunity: Domino immunity game showing disease spread
4. Nasal Health: Fake snot creation, understanding mucus defense
5. Germ Art: Watercolor droplets with Sharpie faces, laminated
6. Hand Sanitizer: Create homemade hand sanitizer
7. Universal project: Blood slime creation (take-home)

SKILLS

1. Career awareness, role-play, and dramatic play
2. Scientific observation, understanding chemical reaction
3. Understanding systems, cause and effect
4. Observation, understanding body defense systems
5. Fine motor, art creation, and expression
6. Following directions, measurement, and chemistry
7. Creative play, takeaway project

MATERIALS

1. Career hats, play area
2. Olive oil, soap, water, bowls
3. Dominos, dot stickers
4. Dish soap, salt, water, food coloring, glitter
5. Watercolor paper, paint, Sharpies, laminator
6. Rubbing alcohol, aloe vera, essential oil
7. Starch, glue, red food coloring, sandwich bags

CALIFORNIA STANDARDS

- K.L.1.a Observe and describe characteristics of organisms
- K.L.2.a Understand what living things need to survive
- ELA K.SL.2 Confirm understanding by asking clarifying questions
- K.PS.2.a Matter exists in different states (solid, liquid, gas)