

6th grade Unit 1

Safety and Equipment

Teacher Information

Objectives:

SCI 6.1A Demonstrate safe practices during classroom and field investigations.

SCI 6.3B Draw inferences based on observations and data.

SCI 6.4 A Observe, collect, analyze and record information using tools.

SCI 6.4B Use preventative safety equipment including goggles, aprons and gloves, and be prepared to use emergency safety equipment, including and eye/face wash, a fire blanket and a fire extinguisher

Activity 1 There is no I in Team

Materials: 500 piece puzzle (used by the entire class)

Focus: I can work with partners to solve a puzzle.

SIOP Language Objective: I can summarize a reading by using a spider map.

Activity 2 What's In the Bag

Materials: mystery bag for each table with 5 items inside, download Ottzi video from website

Focus: I can draw inferences based on observations and data.

SIOP Language Objective: I can identify observations and inferences by watching a video and sharing with my partner.

Activity 3 Common Science Equipment

Materials: labels for all equipment beaker, graduated cylinder, Erlenmeyer flask, test tube, test tube holder, test tube rack, triple beam balance, ring stand, thermometer, medicine dropper, plastic pipette, safety glasses, compound microscope, dissecting microscope, microscope slide, microscope cover slip, hand lens, Petri dish, watch glass, tongs, forceps, temperature probe and graphing calculator, hot plate

Focus: I can identify common science equipment used in class.

SIOP Language Objective: I can share my knowledge about science equipment with my partners by discussing my previous experiences.

Activity 4 Safety First

Materials: injury pictures, Labels for safety equipment, colored pencils, Safety Contract

Focus: I can demonstrate safe practices during classroom investigations.

SIOP Language Objective: I can listen to statements and show they are correct by using thumbs up/down.