

GRADE: 9-12TH

SUBJECT: SCIENCE

DATE: 12/15/23

TOPIC: EROSION

LESSON: SAND TABLE EXPLAINING EROSION

Lesson Plan

LESSON FOCUS/GOALS: THE LESSON'S GOAL IS TO TEACH HIGH SCHOOL STUDENTS THE DIFFERENT TYPES OF EROSION ON A MORE COMPLEX LEVEL THAN WHEN IT WAS FIRST TAUGHT TO THEM. STUDENTS SHOULD BE CONFIDENT IN USING THE SAND TABLE TO EXPLAIN EACH POSSIBLE EROSION TYPE. THEN STUDENTS SHOULD BE ABLE TO EXPLAIN EACH TYPE OF EROSION WITHOUT USING THE TABLE TO HELP THEIR EXPLANATION.

MATERIALS NEEDED:

- SAND TABLE
- STRAW
- WORK SHEET

LEARNING OBJECTIVES:

- UNDERSTAND EROSION
- UNDERSTAND THE TYPES OF EROSION
- EXPLAIN THE CONSEQUENCES OF EROSION
- UNDERSTAND THE SAND TABLE

STRUCTURE/ACTIVITIES:

USE THE SAND TABLE TO BUILD DIFFERENT LAND TYPES. THEN SHOW HOW WATER EROSION WOULD AFFECT THE LAND TYPE. THEN SHOW HOW WIND EROSION WOULD AFFECT THE LAND. THIS WILL ALLOW THE STUDENTS TO SEE EROSION IN A SCALED VERSION.

ASSESSMENT:

THE ASSESSMENT WOULD HAVE EACH STUDENT EXPLAIN EROSION IN THEIR OWN WORDS ALLOWING THE TEACHER TO FULLY UNDERSTAND IF THEIR LESSON AND ACTIVITY WAS EFFECTIVE.