



MAKE A TREASURE MAP

Grades 4-8



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Students will make a treasure map for the younger students to follow

CIAO!

10 min

Ciao is Italian for hello!

Greet your students. Be friendly. Use their name, ask a question, give a high five, or thumbs-up! Take roll. Mark down which students took a snack and tally how many snacks were given out.

STORY & SNACK

20 min

Read the story:

Today's story is called The Map that Changed the World. Read the story to your students outside as they sit in a circle.

SPORTS / GAMES

30 min

Scuba Divers and Dangerous Debris

The object of this game is for students to make it across the playing field without getting tagged. This game is based off the game Sharks and Minnows, but instead of sharks trying to catch the minnows, the taggers will be scuba divers and the runners will be dangerous debris floating through the water. The scuba divers want to catch the debris to help clean the ocean.

Materials:

- Cones to designate playing field

Instructions- Two students will be chosen to be the scuba divers. The rest of the students will choose what kind of dangerous debris they want to be (Example: fishing line, plastic bottles, plastic bags, ropes, hooks, nets.) The scuba divers will stand in the middle of the playing field, and say, "Dangerous debris, where might you be?" The players will slowly walk toward the scuba divers. At any moment the scuba divers can exclaim, "Dangerous Debris!" And the runners must try to run to the opposing end of the playing field without being tagged. If a runner is tagged, they become a scuba diver. The game continues until all dangerous debris has been collected by the growing team of scuba divers!

STEM TIME

50 min

Make a Map:

Make a map with a key and a compass rose. As a class, bury a hidden treasure on your school grounds and make a treasure map showing its location. Exchange maps with students from another class and find their treasure using the maps that they made.



Materials:

- Treasure Chest or Ziplock bag to bury
- Treats or fun notes/jokes
- Shovel or large spoon for digging

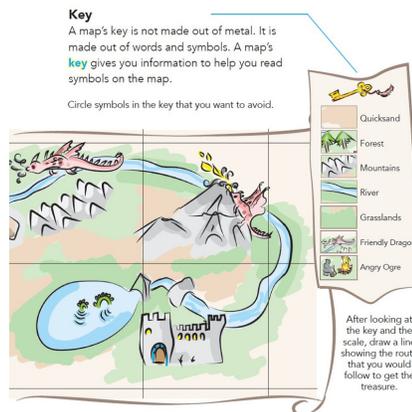
Explain:

Today each 4-8 class will hide treasure outside for one of the K-3 classes to find. When the treasure is hidden have the class make a detailed map for the class to follow. The younger classes will look for the treasure during tomorrow's STEM Time.

Instructions:

- Step 1: Pack a small treasure full of goodies, trinkets or a secret notes with your favorite jokes. (One treasure for the whole class.)
- Step 2: Bury your treasure on the school grounds.
- Step 3: Sit down at the location that you buried your treasure. Observe the things around you such as trees, fields, playgrounds and buildings.
- Step 4: Make a map of your school grounds (every student). Be sure to include a map key so others will know how to read your map. Give your finished maps to your teacher.
- Step 5: Exchange your class's maps with a K-3 class

Here is an Example of a map key



Ask:

- "What do you observe?"
- "What things are you including in your map?"

Instructions:

Say - "Today we got to do a fun activity full of creating our own maps. Write a journal entry about your experience."

Clean up/Free play/Dismissal

Allow your students some free time. Some students may wish to finish working on their STEM project. Others may want to journal or scrapbook about their day. Other students may want to go outside to play. Clean up, pack up.

NATURE JOURNALING

15 min

CLEAN UP / FREE PLAY

25 min

