

VIRTUAL CAMPING

TEACHERS GUIDE

SESSION NAME:	CREATING & READING MAPS GRADE 3 & 4
DURATION:	40 MINUTES

SESSION DESCRIPTION:

The session will begin with a refresher on cardinal directions and their orientation within the school. The students will then be tasked with creating a treasure map that leads to an item hidden by the maps creator. The students will then swap maps with their classmates and follow the directions to the treasure.

CURRICULUM LINKS:

GEOGRAPHY

- Represent data and the location of places and their characteristics by constructing tables and simple graphs and maps of appropriate scale that conform to cartographic conventions of border, scale, legend, title and north point.
- Interpret maps and other geographical data and information to develop identifications, descriptions, explanations and conclusions, using geographical terminology including simple grid references, compass direction and distance.

MATHS

- Create and interpret simple grid maps to show position and pathways
- Use simple scales, legends and directions to interpret information contained in basic map

TEACHER REQUIRED RESOURCES

- Compass (phone compass will work)
- Print off worksheet

PARTICIPANT REQUIRED RESOURCES

- Worksheet
- Pens/Markers
- Random classroom object

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LOCATION/AREA SET UP:

- Print off “Grade 3 & 4 Treasure Map” worksheet.
- Orient where in the classroom the cardinal directions are (north, east, south, west).
- Determine where students are allowed to go to hide their object which another group will then find.

SESSION DESCRIPTION:

INTRODUCTION:

- Play the video.
- Pause video at 1:38 and undertake orienting classroom with students.

MAIN CONTENT:

- Pause video at 4:14 and undertake hiding random object activity.
- The class needs to be split into pairs and the students then choose an object to hide.
- Once the class is split into pairs and have their chosen objects, play the video again.
- Pause video at 4:25 and have the students read the instructions. Provide any safety instructions for pairs as well (where they can/can't go, how long they have to be back in classroom).
- Press play again once all students have returned to classroom.
- Pause video at 6:22 and undertake finding object using map activity.
- Each pair swaps their maps over and head out to find the hidden object using their maps and directions.
- Give students a time limit on how long they have before they need to return to classroom.
- If time allows pairs can swap maps over again and have another turn finding an object.
- Once all pairs have returned, press play again.

DEBRIEF/FAREWELL:

Upon completion of the video, here are some questions you could pose to class during the activity debrief:

- What could we do to improve directions?
- Would you adjust your map if you had the chance?
- Why is it important to have an accurate map and directions?

POSSIBLE SAFETY CONCERNS:

- Students struggling to give accurate directions.
- Students not returning to class on time.