

Maps

Session 6

TIME

90 min.
including
break



Art of learning

THEME
21



WARM-UP: MAPPING MEDLEY

This will happen:	The whole group will follow the instructions of the Geographer.
Materials needed:	Laminated floor sheets North, South, East, West, X Axis and Y Axis, the set of letters (A, B, C, D, E, F, G, H, I, J) and the set of numbers (1, 2, 3, 4, 5, 6, 7, 8, 9, 10), a Geographer's Cap, masking tape and marker pens. Use chalk, if the warm-up is outside.
Preparations in advance:	
Preparations in the space:	Place the cardinal direction sheets (North, South, East and West) in their correct position in the space and secure them with tape, create a line with masking tape and put the X Axis sign on it, create another line and put the Y Axis sign on it, secure the letters (A, B, C, D, E, F, G, H, I, J) along the X Axis and the numbers (1, 2, 3, 4, 5, 6, 7, 8, 9, 10) along the Y Axis. If the warm-up is outside, use chalk to mark the floor and to create the cardinal directions, the Axis and the letters and numbers.
The space looks like this:	Open space inside or outside.

GUIDANCE:

Put the Geographer's Cap on. Explain that the students should follow the instructions of the Geographer. Remember to increase the level of challenge and include some new elements to the warm-up.

Below are some ideas of calls:

- March on the spot on the Y Axis.
- Divide into two groups – one group to go onto coordinate A5 the other on C6.
- Walk slowly to the East.
- Go all around the world very, very slowly.
- Be a tree blowing in the wind.
- Find a friend and go all around the world.
- Climb a mountain.
- Stand opposite the X Axis.
- Run to the North.
- Climb a mountain.
- Walk slowly to the East.
- All around the world.
- Reach up high, then higher.

REFLECTION: TODAY'S FEELING AND WORDS FROM THE DAY

This will happen:	The students will reflect on their map making and share their knowledge of maps.
Materials needed:	Pieces of different coloured paper to write up what students know about maps, marker pens, something to stick up the ideas on the Map Expert Wall and tape, sticky tack or pins.
Preparations in advance:	Cut up different coloured paper to be used to write up the students' reflections.
Preparations in the space:	
The space looks like this:	Classroom.

GUIDANCE:

1. Move to the Map Making Wall. Ask how they felt when they found a Geocache treasure box? What skills did they use to find the treasure?
2. Ask the students to work in pairs and identify any words or things they learnt today about maps. After a couple of minutes ask them to share their ideas. Write each suggestion on a separate piece of coloured paper and stick them on the Map Expert Wall.
3. Close the theme on maps by asking the students what they enjoyed most about the theme and by highlighting the skills that the students have developed, their work in groups and any moments that stood out.

NOTES

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WARNINGS



preparations

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MAIN ACTIVITY: GEOCACHING TREASURE HUNT



This will happen:	The students will continue to be Geocachers. Working in groups, they will go on a treasure hunt and use map coordinates to find Geocache boxes hidden in the school grounds.
Materials needed:	The Golden Chest, an A4 detailed map of the school and its immediate surroundings (1 per group), Geocache boxes (small waterproof boxes with a lid – 1 per group and 2 more) inside there should be a LEGO person or a small plastic toy, a pencil (1 for each group) and a small logbook, a list of Geocache coordinates for each group to find (ensure that each group has a slightly different list to ensure that all the Geocaches boxes can be found). An extra LEGO person/small plastic toy for each group to act as a swap when they find a Geocache box (or replace with the small handmade objects if made in Day 3 or 4).
Preparations in advance:	Make a more detailed map of the school and its immediate surroundings using the simple A4 outline map and include more details. This should be in grid format with an X and Y Axis with letters and numbers included and some basic symbols and a simple scale. Print enough copies of this map (1 per group). Prepare a set of Geocache boxes (small waterproof boxes with a lid) and inside place a LEGO person/small toy (or replace with the small handmade object if made in Day 3 or 4), pencil and logbook (1 per group plus 2 more). This task might have been given to the students during Day 3 or Day 4. Decide where to hide each of the Geocache boxes and write down their map coordinates from the detailed map of the school. For each group, create a list of up to 4 of the Geocache map coordinates for them to find. Before Session 6 begins, hide the Geocache boxes at the correct map coordinates.
Preparations in the space:	Set up the Golden Chest and put the detailed maps of the school inside, the lists of Geocache map coordinates for each group and a LEGO person/small toy (or replace with the small handmade objects if made in Day 3 or 4). If this hasn't been done already, hide the Geocache boxes at the correct map coordinates.
The space looks like this:	Outside.

GUIDANCE:

1. Students sit close together in front of the Golden Chest. Open the chest and show the students the detailed map of the school and its immediate surroundings, the lists of Geocache box map coordinates and the LEGO people/small toys (or handmade objects if made in Day 3 or 4). Ask them where on the map is the Golden Chest. What is its map coordinate? What do they think their task today is?
2. Put the students into small groups. Give each group a map, a list of Geocache box map coordinates and a LEGO person/small toy (or handmade object). Remind them of Session 2 when they had to find the envelopes in the classroom using coordinates. Explain that they are going to go on a treasure hunt to find plastic Geocache Boxes hidden in the school grounds, and that each group has a list of coordinates for some of the Geocache boxes.
3. Working together, they need to use the map and their map reading skills to find the Geocache boxes one at a time. When they find a Geocache box, they should open it, swap the toy and each student should write their name and the date in the logbook and place it back in its original place. They should try to find the next Geocache box on their list. Offer support to groups where needed.

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