



EPISODE 305

ORLA'S BIRTHDAY

Watch as Omar, Opal and Oswald try to surprise Orla for her 500th birthday! Will Opal be able to distract Orla long enough for Omar and Oswald to collect her birthday presents?

CASE SUMMARY

CASE: Collect Orla's birthday gifts and surprise her for her 500th birthday!

OUTCOME: The mobile unit was able to collect all of Orla's birthday gifts and distract her long enough to surprise her for her 500th birthday. In order to collect Orla's birthday gifts they had to read three different maps to determine where they were, and where they had to go.

COLD CASE EXTENSION ACTIVITY

Oh no! Something VERY ODD has happened! The landmarks on maps are moving around so there is no way to find out where we are or where to go! In order to get the maps back to normal you must draw your own map.

To complete the mission, you will need:

1. A piece of blank paper
2. Crayons
3. A prize/toy

Once you've gathered your materials, follow these steps:

STEP 1: Choose a room in your house.

STEP 2: Take your piece of paper and crayons and map out what the room looks like. You can use big landmarks to help you get started such as a couch, bed, table, or TV.

STEP 3: When you are done drawing your map, hide a prize/toy in the room and draw an "X" on your map to mark where you hid the prize.

STEP 4: Ask someone in your house to look at your map to find the hidden prize/toy!



SYNOPSIS FOR TEACHERS/PARENTS:

In this episode, the Odd Squad agents want to throw a surprise birthday party for Orla's 500th birthday. Oswald and Omar try to track down gifts for Orla using different types of maps.

This episode teaches children how to read simple maps using arrows and landmarks. It also teaches children how to use efficient strategies to determine their location on a map and how to get to their destination.

CURRICULUM EXPECTATIONS:

Grade 2 Mathematics: Geometry and Spatial Sense

- › Describe the relative locations (e.g., beside, two steps to the right of) and the movements of objects on a map.
- › Draw simple maps of familiar setting, and describe the relative locations of objects on the map.

Grade 3 Mathematics: Geometry and Spatial Sense

- › Describe movement from one location to another using a grid map (e.g., to get from the swings to the sandbox, move three squares to the right and two squares down).

Grade 1 Social Studies: People and Environments – The Local Community

- B2.3** Analyse maps, and construct simple maps using appropriate elements, as part of their investigations into the interrelationship between people and significant natural and built features in their community.
- B3.1** Identify some of the natural and built features of their community (e.g., rivers, lakes, parks, roads, stores, houses, buildings, libraries, schools, arenas, places of worship).
- B3.3** Describe the location of some significant places in their community, using relative location (e.g., near, far, up, down), relative distance (e.g., close, far, farther) and relative direction (e.g., right, left, in front, behind).
- B3.4** Demonstrate an understanding of the basic elements of a map when reading and constructing simple maps showing places that are significant to them.
- B3.5** Demonstrate an understanding of some common non-standard units of measurement (e.g., footsteps, tiles, blocks, houses).

Grade 2 Social Studies: People and Environments – Global Communities

- B2.2** Gather and organize information and data about some communities' locations, climate, and physical features, and the ways of life of people in these communities.
- B2.3** Analyse and construct simple maps to determine and illustrate patterns in the interrelationship between the location of some communities and human activities in those communities.
- B3.3** Identify cardinal directions on a map (i.e., N, S, E, W) and use these directions when locating selected communities, countries, and/or continents.



THIS OR THAT!

QUESTION #1

Which of the following is a map?



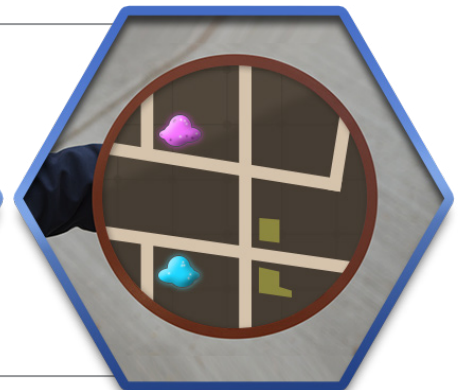
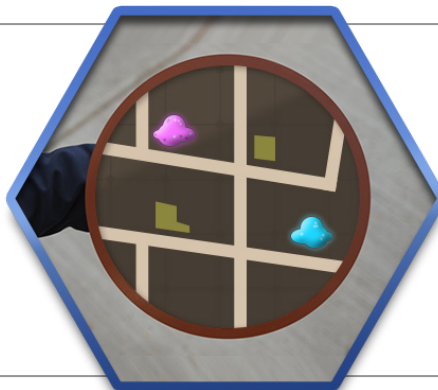
QUESTION #2

Which map shows that to get to the library, the Mobile Unit must walk one block to get to the next street and then turn left?



QUESTION #3

Which map shows that to get to the Blue Blob from the Pink Blob, you must walk one block, turn right, walk another block, then turn left?





TRUE OR FALSE

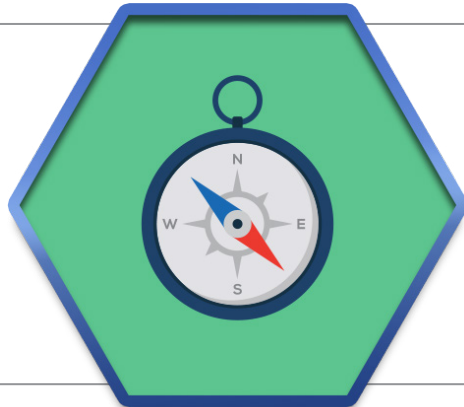
QUESTION #1

True or False? A landmark is something that is easy to spot and recognize.



QUESTION #2

A compass is a tool used to help with directions. It has 3 directions: North, South, and East.



QUESTION #3

Maps can help show you where you are and where you need to go.



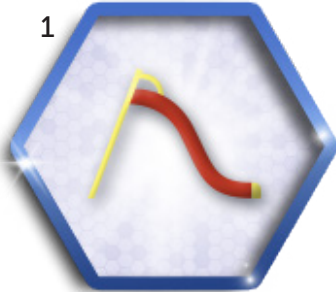
1. TRUE! Landmarks can help you keep track of your location on a map. 2. FALSE! A compass has 4 directions: North, South, East and West. 3. TRUE! Maps are very useful diagrams.



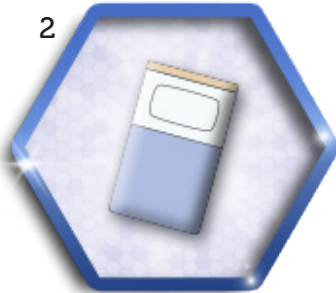
COLUMN MATCHING

Can you match the following? What type of map will help you to find each landmark?

1



2



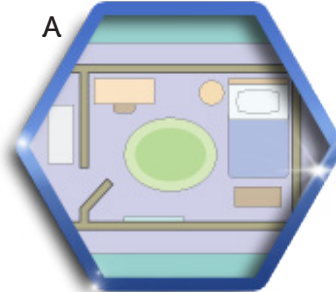
3



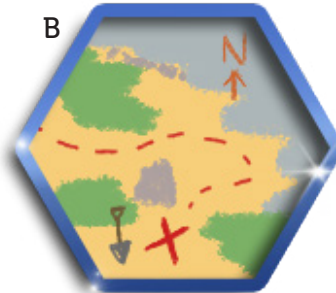
4



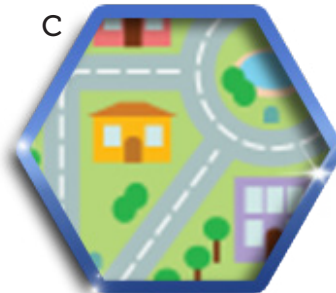
A



B



C



D



1. D 2. A 3. B 4. C



SEARCH AND FIND

Can you find the following?



Orla's birthday cake



Red "X"



Ancient Odd Squad shield



Map



Knight statue



Ancient game of Rock and Stick