

Look Kool – Mapping

ABC ME screening details: Tuesday 26 May 2020 at 11:15am

This episode can also be viewed on [ABC iView](#).

Key learning areas: Mathematics

Level: Levels 3 – 5

About: Hamza thinks finding his way around is easy...until his smart phone breaks. Uh oh. Now he needs to use maps to get where he's going. Along the way, Hamza forms a marching band and gets travel tips from a gargoyle.

Before the episode

Are you good at following directions?

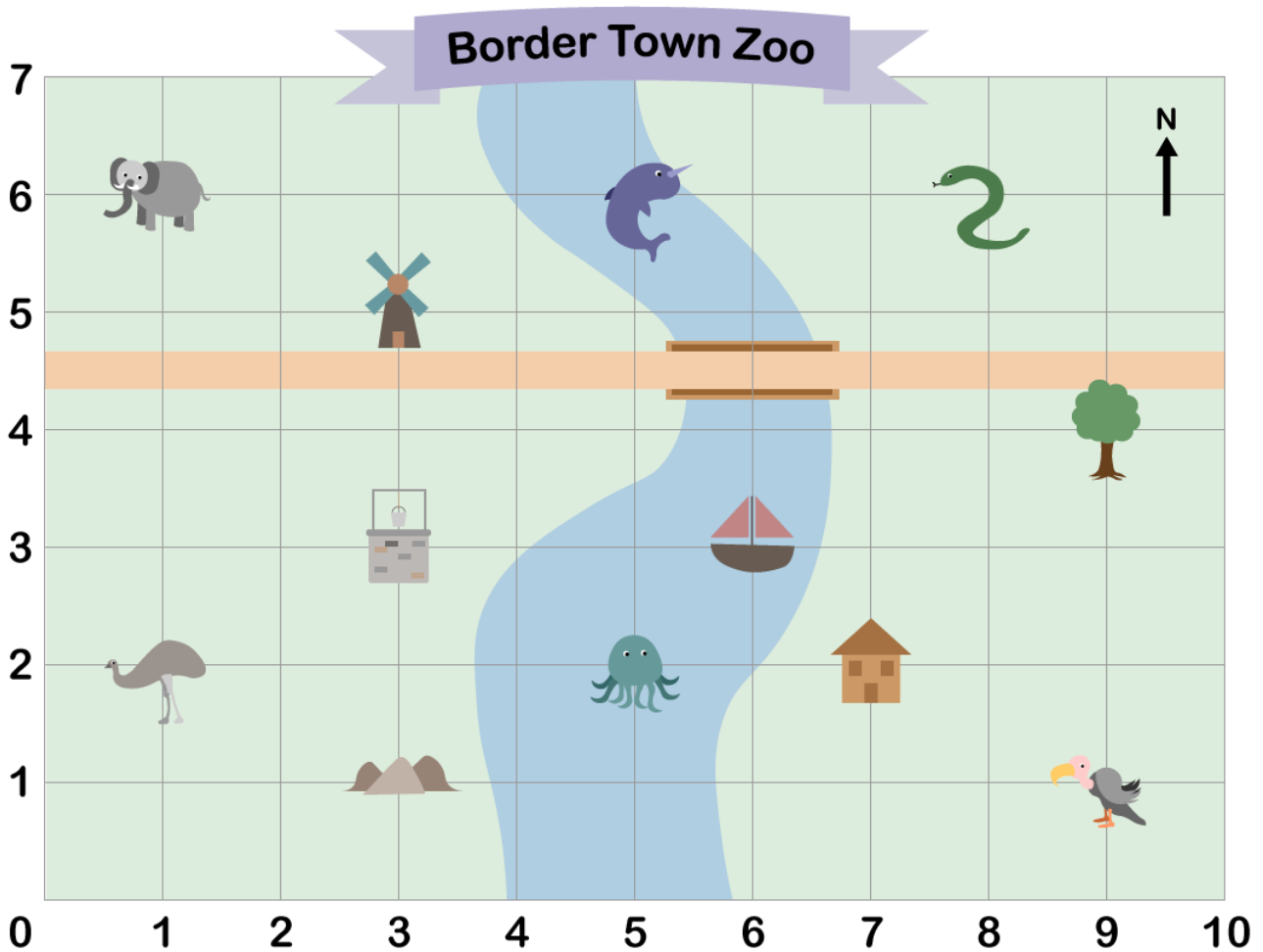
1. Read the directions below and **imagine** yourself following this route.
 - Walk 10 paces straight ahead.
 - Turn right and walk 10 paces.
 - Turn left and walk 5 paces.
 - Turn left again, and this time walk 15 paces.
 - Turn left and walk 15 paces.
 - Turn left and walk 5 paces.
2. Draw a picture to describe your route and where you will end up.



3. Go outside and follow the directions to check whether your prediction was correct. If it wasn't, can you explain why?

After the episode

1. Here is a map of Border Town Zoo. There is treasure buried somewhere in the zoo!



2. When finding a landmark we look at the horizontal co-ordinate and then the vertical coordinate. For example, the house is located at 7, 2. Write down what you can see at the co-ordinates given below:

	Landmark		Landmark
(8, 6)		(5, 6)	
(1, 6)		(9, 4)	
(9, 1)		(3, 3)	
(1, 2)		(5, 2)	

Adapted from <https://nrich.maths.org/>

Follow-up activity: The words from the previous activity can be used in a special way to find the coordinates of the buried treasure. Can you work out where it is?

Teacher notes

This resource contains self-directed learning activities that students can complete while learning at home or in the classroom. The activities align with the Victorian Curriculum F-10 and can be modified to meet the needs of your students. Teachers could collect student work for feedback and assessment.

Learning intentions

- To use a grid reference system to locate position on a map

Victorian Curriculum content description

	Level 3	Level 4	Level 5
Location and transformation	Create and interpret simple grid maps to show position and pathways (VCMMG143)	Use simple scales, legends and directions to interpret information contained in basic maps (VCMMG172)	Use a grid reference system to describe locations. Describe routes using landmarks and directional language (VCMMG199)

Victorian Curriculum achievement standard

	Level 3	Level 4	Level 5
Mathematics	Students match positions on maps with given information and create simple maps.	Students interpret information contained in maps.	Students use a grid reference system to locate landmarks.

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