

## **Holey Moley – Teacher’s notes**

### **Overview**

In this fun activity, pupils become much more familiar with the globe and the Peters projection map of the world. They meet Moley who can dig right through the centre of the earth to the other side. Can pupils guess where Moley will come out? The first part of the activity is to be used by the teacher at an interactive whiteboard with the whole class, as a demonstration. Pupils can then do the activity independently in pairs or small groups.

### **Aims of the resource**

- To enable pupils to become more familiar with the globe and world map, and the relationship between the two.
- To make exploring the globe interesting and fun.
- To introduce different environment types.

### **Key objectives**

At the end of this activity pupils will be able to:

- give increasingly accurate estimates of where ‘the other side of the world’ is.
- suggest places in the world where a particular environment type is likely to be found.

### **Using the resource**

1. Ensure you have sound switched on so that the dialogue and effects are heard.
2. Click the LAUNCH button to start the activity. (If it doesn’t launch, try turning off your pop-up blocker.)
3. Watch and listen to the animation. When Moley asks where she might pop out when digging straight through the earth from Britain, click CONTINUE to see the world map. Ask the pupils for suggestions. They can come to the board and place a coloured pin from the side of the screen to show where they think Moley will come out.
4. Click the DIG button to see Moley dig through the earth and come out the opposite side. Discuss both the type of environment and geographical location. Click CONTINUE to move through the screens. Pupils will then be able to see who was closest.
5. Click PLAY AGAIN to be able to position Moley anywhere in the world. Try to guess roughly where she will come out, then click DIG to see who was closest.
6. You can continue to play as a whole class, or let the children explore the activity independently at their own computers.
7. Note that Moley emerges in different types of environment, although the most common by far is water. You might set the children the task of finding starting points for Moley that make her come out in as many different environments as possible (see Useful Information below for some cheats). Alternatively, can they make her come out in a particular country or continent? Or they can place Moley randomly then work out where she will emerge.
8. When the independent activity time is over, gather the pupils together for the Plenary questions.

### **Useful information**

- Having a globe or globes available will help pupils to make educated guesses as to where Moley might pop out.
- Moley will very often emerge in water. This can be used as a teaching point to indicate just how much of the Earth is covered by water.
- The magnifier in the top left-hand corner will help you place Moley accurately.

- Here are some cheats/hints for coming out in particular environments – using the magnifier will help with accuracy:

**Desert:** Place the START pointer on the name of Fiji. (It's a very small island to the east of Australia!)

**Ice and Snow:** Place the START pointer just above the **G** in Greenland.

**Green grassy terrain:** Place the START pointer on the final **A** of Argentina.

**Rainforest:** Place the START pointer in the Philippines, on the **S** of Philippines.