

# Teacher Notes (Upper Key Stage 2)

## Henry chats to Elizabeth the Gemologist



Elizabeth is a gemologist. Gemology is the science of dealing with natural and artificial gems and gemstones (eg. a Ruby, Emerald or Diamond). Gemologists are qualified to identify and evaluate gems.

Other related jobs:

Jewellery Designer

Gemstone Appraiser / Valuer

Wholesale Gemstone Buyer

Art Historian

Gemstone Researcher

Gemstone Auction Specialist



### Guided Reflection – to structure a conversation after the film



- ☐ What was the most interesting thing you found out from Elizabeth?
- ☐ What did you like about Elizabeth's job?
- ☐ What would you enjoy most about Elizabeth's job and what would you find most difficult?
- ☐ What have you learnt about being a Gemologist?
- ☐ How might you go about becoming a Gemologist?



5  
mins

### Discover & Do Activities – to run alongside the Discover & Do printed worksheets

#### Activity 1 – Were you listening carefully?



10  
mins



In this activity, pupils apply Steps 5 and 6 of Listening from the Skills Builder Framework.  
Listening Step 5: I can listen to extended talk and identify the key information I need.  
Listening Step 6: I can take part and respond in a group discussion.

Share the definition: "Listening is the receiving, retaining and processing of information or ideas".

Using the Discover & Do worksheet, ask pupils to:

- ☐ Fill in the missing information in the sentences about Elizabeth
- ☐ Tell a partner what surprised them most about Elizabeth, her job and the skills she used

#### Activity 2 – Design a gemstone accessory



15-20  
mins

In this activity, pupils will research their birth gemstone and create an accessory including it in their design.

Group pupils according to their birth month. Ask pupils to research their birth gemstone before designing an accessory which includes the stone. Give your pupils time to prepare and present their ideas to the class. Pupils might want to find pictures of their birthstone to share.



**Reflection Question:** Can a Gemologist tell the difference between a real or fake gem? How?

#### Activity 3 – The role of a Gemologist



Extended  
project

In this activity, pupils will research further the role of a Gemologist.

Encourage pupils to research further the role of a Gemologist. They might want to think about where in the world gemstones can be found. How are gems formed? What is the process/ life cycle of a gem? Explain to them that they could present their findings in a fact file or using a mind map; they might want to include pictures and maps.



**Reflection Question:** How might a Gemologist present facts to the people they work with?