

# Teacher Notes (Lower 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 2 and 3 of Listening from the Skills Builder Framework.  
Listening Step 2: I can listen to others and ask questions about what I heard.  
Listening Step 3: I can follow a conversation and tell somebody else what it was about.

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

Using the Discover & Do worksheet, ask pupils to:

- ☐ Write down 3 questions they would ask Elizabeth
- ☐ Tell a partner what they recall from the conversation

#### Activity 2 – Birthday gemstones



15-20  
mins

In this activity, pupils will research the birthstone associated with their birth month.

Group pupils according to their birth month. Ask the pupils (in pairs or in a small group) to research their birth gemstone and share 3 interesting facts about it. Children might want to find pictures of their birthstone to share with the class.



**Reflection Question:** Why does a Gemologist need to know about all different types of stones?

#### Activity 3 – Birthstone jewellery



Extended  
project

In this activity, pupils will design a piece of jewellery which includes their birthstone.

Pupils find out what their birthstone is and design a piece of jewellery which includes their birthstone. Encourage them to draw and annotate their design with their favourite features. They could also include facts from their research.



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