

# Teacher Notes (Lower Key Stage 2)

## Jayden chats to Daniel the Horticulturalist



Daniel is a Horticulturalist. Horticulture is the study of plants. Horticulturalists apply their knowledge of botany, plant, and soil science to areas like landscape design or garden management. They work directly with plants, overseeing all aspects of breeding, selection, planting, care, and production. Other related jobs:

Gardener  
Plant Breeder  
Florist

Nature Conservation Manager  
Horticultural Scientist  
Landscape Designer



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



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



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 Daniel
- ☐ Tell a partner what they recall from the conversation

#### Activity 2 – Become a Horticulturalist



15-20  
mins

In this activity, pupils will explore their school grounds or garden.

As a class or in smaller groups, take time to explore your school grounds or school garden. Think about the different purposes, uses and who would visit this place. Encourage your pupils to think about what they can see, what attracts them to the different spaces and why?

At a chosen point or space, encourage the pupils to stop and listen to what's around them. Using the space provided on the worksheet, ask them to create a sound map of all the things they can hear. The length of the arrows they draw could represent how close or far away they think the sound is.



**Reflection Question:** When might a horticulturist do research like you have today?

#### Activity 3 – Dissect a flower



Extended  
project

In this activity, pupils will apply their prior knowledge of plants to dissect a flower.

Ask your pupils to research/ recap the different parts of a flower. Encourage them to choose a flower to dissect and label the different parts. Can they explain the different roles/ functions of each part?



**Reflection Question:** Why is it important for a horticulturalist to understand the lifecycle of flowers and different seasons?