

**Science - Year 3**

Plants – Block 3P

# **Roots and Shoots**

Session 6

**Resource Pack**

### **Final Message from Zinnia**

Hello Earthlings! It's me again. I am so excited to see your research. Your teacher has put the photos of all your work onto the computer and I have been beaming them straight to Dock 5. It is simply incredible to see the amount you have done and the quality of your research! All the scientists on Dock 5 are really impressed!

Now all we need to do is use the information to design our space farm. What are those big sheets of paper you are holding?

*We have already drawn some designs for you. The children are just photographing them now to beam out to you.*

Wow! That is absolutely wonderful. We will look at all your designs and use your ideas for our space farm. Perhaps one day in the future you will be able to travel to Dock 5 and stay in our fabulous space hotel and eat delicious food grown on the farm you designed!

Thank you Earthlings! You are amazing!

Oh no the communication window is about to close. Goodbye dear Earthlings and thank you! Goodbye!

Name or Names .....

## Quiz on Plants



Question number	Answer
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	



## Answers for Quiz on Plants

Question number	Answer
1	<b>B</b>
2	<b>C</b>
3	<b>C</b>
4	<b>B</b>
5	<b>A</b>
6	<b>C</b>
7	<b>C</b>
8	<b>B</b>
9	<b>C</b>
10	<b>A</b>
11	<b>D</b>
12	<b>A</b>
13	<b>C</b>
14	<b>C</b>
15	<b>B</b>

## Session 6 Teachers' Notes

### **Assessment**

The Quiz PowerPoint will give you the opportunity to assess children's knowledge and understanding of the learning throughout this block. If you wish to use it as an assessment activity, give the children individual quiz sheets and ask them not to discuss their answers with one another. It is suggested that each question is read aloud including the choices of answer since the assessment is of the child's scientific knowledge and not their reading ability. If you do not wish the quiz to form part of an assessment, the children could participate in pairs to stimulate discussion around the questions and answers. If this is the case, give out one answer sheet between two children. At the end of the quiz, collect the papers in to mark later if you are doing an assessment (an answer sheet is provided in the session resources), but if not, show the Answers PowerPoint so children can mark their own or swap and mark – this will help to reinforce the learning of the block.

### **A Final Message from Zinnia**

The final message from Zinnia comes at the end of the session during the plenary. The children will have reviewed all the work from the block which they believe has been beamed to Zinnia in photographic form (see session plan). During the session the children design space farms for Dock 5 and Zinnia's call comes just as they are photographing these to beam to her. She begins to thank them for their amazing research when she asks them about the designs. See the extract below (Zinnia's voice is shown in blue and your required response is in red).

*It is simply incredible to see the amount you have done and the quality of your research! All the scientists on Dock 5 are really impressed!*

*Now all we need to do is use the information to design our space farm. What are those big sheets of paper you are holding?*

*We have already drawn some designs for you. The children are just photographing them now to beam out to you.*

*Wow! That is absolutely wonderful...*

You will need to be ready to answer and ideally to use the exact words, as these fit into the pause. If possible learn the words and practise once or twice with the film beforehand to get the speed right. It will be worth the effort to create a convincing response and the children will enjoy the praise to reward their efforts.

A transcript of the complete message is included in the session resources.