

NICER Curriculum: Home Learning Challenges

Year Group: 5

Challenge Pack: The Big Adventure

Challenge: Can we plan a fair to share our Big Science Adventure?

Outcome: Science Fair

How Hungry are you for a Home Learning Challenge? How many Challenge dishes will you choose?

Choose which Home Learning Challenges you would like to complete from the Menu of Dishes below.

How Hot do you like your Meal?! The hotter the dish you chose, the more challenging it will be! Yellow: Warm, Orange: Medium, Red: Hot

Small Dish Challenges

You could chose to complete just 2 of these, or more, or chose 1 to start you off before moving on to a Large Plate Challenge!

Create a questionnaire about which Scientific discovery people think has changed the world the most. Create a bar chart to show your findings.

Imagine travelling through a wardrobe portal to a location of your choosing; create your own idea for where it takes you.

Write a letter to a Scientist from the past. How has life changed in the last 150 years due to theirs (and other invention) around the world?

Large Plate Challenges

You could chose to complete just 1 of these spending a number of weeks on this and building up your learning every time!

Select a favourite recipe to bake. Present your recipe and make the product. Which of the ingredients were liquids, solids and or gases? Did any change states? What in your cooking caused the changes?

Create a leaflet for our Big Science Fair, describing aspects such as: key scientific learning that you have undertaken; learning about the famous Scientists class have investigated; and important information about the fair.

Using OPV (Other People's Views) imagine yourself as a famous Scientist. Write the kind of speech that you might present about your life and discoveries.

<i>Name:</i>		<i>Class:</i>	
Small Dishes		Large Plates	
Create a questionnaire about which Scientific discovery people think has changed the world the most. Create a bar chart to show your findings.		Using OPV (Other People's Views) imagine yourself as a famous Scientist. Write the kind of speech that you might present about your life and discoveries.	
Imagine travelling through a wardrobe portal to any location of your choosing. Use the features that you have learnt in your lessons to create your own idea for where the wardrobe takes you. Where have you ended up? What can you hear, see, smell and even taste?		Create a leaflet for our Big Science Fair, describing aspects such as: key scientific learning that you have undertaken; learning about the famous Scientists class have investigated; and important information about the fair.	
Write a letter to a Scientist from the past. How has life changed in the last 150 years due to theirs (and other invention) around the world?		Select a favourite recipe to bake. Present your recipe and make the product. Which of the ingredients were liquids, solids and or gases? Did any change states? What in your cooking caused the changes?	

Which dishes have I chosen?

What have I completed and created?

How have I found completing the Challenge Pack Homework?