NICER Curriculum: Home Learning Challenges

Year Group: 4

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.

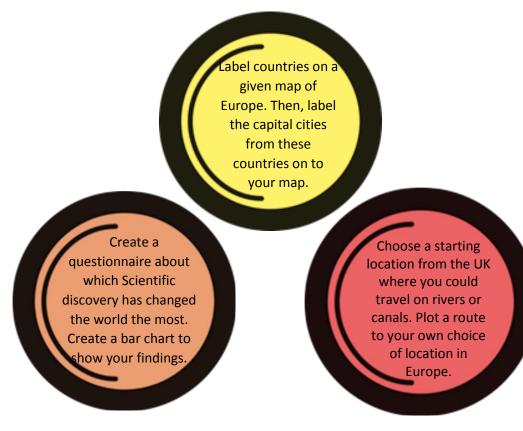
How Hot do you like your Meal?! The hotter the dish you chose, the more challenging it will be! Yellow: Warm, Orange: Medium, Red: Hot

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!

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? Choose a Scientist from modern times or history. What can you discover about their work? How has their discoveries changed the world? Can you re-create any of their famous experiments? How can you share what you've learnt with others?

Choose a country from Europe and research what it is like. Use an OPV to write a diary entry as if you have just moved to this country and describe how you are feeling, what you can see, smell, taste and hear.

Name:		Class:	
Small Dishes		Large Plates	
Using a blank map of Europe, label the countries in the continent that you can		Select a favourite recipe to bake. Present your recipe and make the product.	
identify. Add to these with your research. Then, label the capital cities from these		Which of the ingredients were liquids, solids and or gases? Did any change states?	
countries on to your map.		What in your cooking caused the changes?	
Create a questionnaire about which Scientific discovery has changed the world the		Choose a country from Europe that you would like to visit. Research what it is like	
most. Create a bar chart to show your findings.		such as the temperature, the landscape, the food and culture. Use an OPV (Other	
		people's views) to write a diary entry as	if you have just moved to this country and
		describe how you are feeling, wha	it you can see, smell, taste and hear.
Looking at a detailed map of the UK, choose a starting location from the UK where		Choose a Scientist from modern times or history. What can you discover about	
you could travel on rivers or canals. Plot a route to your own choice of location in		their work? How has their discoveries changed the world? Can you re-create any	
Europe. Label your route on your own map, including some of the cities or towns		of their famous experiments? How can you share what you've learnt with others?	
that you t	ravel past.		

Which dishes have I chosen?

What have I completed and created?

How have I found completing the Challenge Pack Homework?