

Year 3/4 Project: Create a New Water Park for Pontrfract

Your project is to design a water park with a swimming pool, various water slides and a café area which will provide the people of Pontrfract with a new and exciting place to visit for all the family. Think about the layout of where things will be, and why it will be popular with people of all ages.

English Task

Create an advertising poster which will tell people what there will be at the water park and why it will be a fun place to visit for people of all ages. Make it colourful and use exciting vocabulary that will persuade families to visit.



Maths Task

Create a price list for entry to the water park and include the price for children and adults, but also offer a special discount price for families of four or five people where it will cost less to enter as a group. The water park needs to take £150 every day so it can cover its costs. Can you set some maths questions to solve which are related to how many people will need to visit the water park in order to make at least £150 per day.

Science Task

Gravity will help people to slide down a water slide. Write a short explanation of what gravity is and how it works. Use this website to help you:

<https://www.bbc.co.uk/bitesize/topics/zf66fg8/articles/zqbm3k7>

Geography Task

Research the water cycle with an adult. Draw and label a simple diagram of the water cycle which explains what happens at each point in the cycle. This website could help you to make a start

<https://www.bbc.co.uk/bitesize/topics/zkgg87h/articles/z3wpp39>



History Task

Research Joseph Bazalgette on the internet with an adult and write a short paragraph about what he designed and built to make life better for people in London during the 19th Century.

PE Task

Create a short (10 minutes) PE warm-up session to include at least five different exercises that is suitable for children aged 7-9 years old.

Design and Technology Task

Design a toy that floats on water. Think about what materials you will use so that it will not sink and label each part of the toy. Write a short explanation of who would like your toy and why.

Computing Task

If you have a computer with Microsoft PowerPoint, create a presentation which tells people about the benefits of swimming as a form of exercise.

Art Task

Draw, paint or create a collage of what you think a rainy day looks like.



Music Task

With an adult, can you create a musical instrument that makes the sound of rain falling? For inspiration, here is an example of a 'rain stick':

<https://schoolgardening.rhs.org.uk/Resources/Activity/Make-a-Rain-Stick>

MfL Task

Find the French or Spanish names for the following drinks: water, milk, orange juice, lemonade and tea.

RE Task

Write a short paragraph to explain why Christians use water during baptism.

PSHE Task

Watch this short video:

<https://www.bbc.co.uk/teach/class-clips-video/pshe-ks1-ks2-who-owns-the-sky/zvq2t39>. Write a short

paragraph to explain how you think the people of the two villages could solve the problem and share the river so they can both live happily where they are.

