



P6 Numeracy activities – Monday 8th – Friday 12th June

Handling Data – probability (2 days)

Day 1

- Let's warm-up by practising our multiplication tables. Log in to www.interactive-resources.co.uk (username: brooklands password: brooklands), find the Teaching Tables folder and then open the "Chill or Challenge (Multiplication)" game. Select the Chill activity and see how many points you can score as you work your way through the different tables from X1 up to X12. Once you've finished, try the "Sharp Shooters" activity (also in the Teaching Tables folder) and perhaps jumble up all the tables to see how well you know them.
- If you get stuck on a particular question, use your Maths Facts book or a tables chart but only where necessary. **Remember, it's really important to know your tables so, if there are certain tables that you can't remember, please practise these at home.**
- Today we are going to begin our lessons on probability. **Probability is the maths of chance. A probability tells us how likely (probable) something is to happen.**
- Go to our Brooklands PS P6 Home Learning YouTube channel, watch "Probability part one" and follow Mrs Bell as she introduces you to probability and explains today's activities <https://www.youtube.com/watch?v=28vGYnio3Rw>
- Try to learn today's key vocabulary

Impossible - will definitely not happen

Very unlikely - a very small chance that it will happen

Unlikely - a small chance that it will happen (less than half)

Likely - a good chance that it will happen (more than half)

Very likely - a very good chance that it will happen

Certain - will definitely happen

- Download the "Likelihood" activity from the school website and use this vocabulary as you decide the likelihood (probability) of each event happening. Have a good chat about each statement please!

Day2

- For today's starter activity, we're going to revise our division facts. Log in to www.interactive-resources.co.uk (username: brooklands password: brooklands), find the Teaching Tables folder and then open the "Wipeout Wall Division Facts" game. Answer each division question and see how quickly you can clear the wall! Again, if you're finding these difficult, please do some revision at home.
- In today's probability lesson, we are going to be looking at "an even chance". Go back to our Brooklands PS P6 Home Learning YouTube channel, find "Probability part two" and join Mrs Bell as she shows you some examples of an even chance and introduces a probability scale <https://www.youtube.com/watch?v=LXufDHBERIU>
- Download the "Even Chances" worksheet and, for each statement, decide whether it has an even chance of occurring, a less than even chance or a more than even chance. Complete the two empty spaces at the bottom of the page with two probability statements of your own and decide the probability of each one occurring.
- Coin flipping challenge! Flip a coin 50 times and record how many times it lands on heads and how many times it lands on tails. Your results should be fairly similar, but are they? Let your teacher know! We'd love to see a photograph too!

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Measures – Volume of liquids (2 days)

Day 1

- **When we measure the volume (amount) of liquids, we use the following units of measurement:**

Millilitres

Litres

There are 1000 millilitres in 1 litre (1000ml = 1l)

When we measure liquids, we can use various containers such as measuring jugs, measuring jars, cups and spoons.

- Download the “Medicine” activity from the school website. At the top of the page, we can see a measuring jug, a cup and a spoon. When the measuring jug is full, it holds 1 litre of medicine. A full cup holds 200ml and one spoonful measures 5ml.
- Use this information to help you work out the answers to part one. The answers can be downloaded from the school website.
- In parts two, three and four, look carefully at the medicine bottles and measuring jars. Use the scale on the outside of each container to help you work out the volume of liquid inside each container.
- Now download the “Feeds” worksheet (and answers) from the school website. You will need to look carefully at the scale on the outside of each container and work out how many millilitres each small interval represents.
- Once you have completed questions 1, 2 and 3, get a measuring jug from your kitchen and practise measuring out different volumes of water of question 4.

Day 2

- Download the “To the nearest mark” activity (and answers) from the school website. Today we are going to do some further practice of reading scales.
- In question 1, match each label to the correct jar. In questions 2 and 3, we are not looking for the exact volume of the liquid. Instead, we are reading each scale to the nearest 100ml or nearest mark.
- For question 4, find some empty containers. Using your measuring jug and water, find out the volume of each container by filling the container with water to see how much liquid it will hold. Try to estimate the volume of water before measuring it. You’ll need to think carefully about the size and shape of each container.
- Now log in to www.interactive-resources.co.uk (username: brooklands password: brooklands) and find the Teaching Capacity folder. Use the “Drip and Drag (3)” and “Drip and Drag (4)” activities to practise reading the scale on these measuring jugs.
- Finish today’s lesson with a fun activity! In the same website, go to the Primary Games 8 folder and play the “Smiley Count” game (use the Challenge section). It starts off very easily but gets much more difficult as you move up through the levels! Can you make it all the way to the end?

If you’re not doing the AQE practice papers this week, why don’t you do some additional activities for revision? Log in to Education City and try the activities in the “Number” city. You’ll also find lots of excellent activities in the Primary Games 1-8 folders on www.interactive-resources.co.uk (username: brooklands password: brooklands)

Practice paper – AQE CEA 2009 Paper 1 plus Windmill Series 2 Test 3 (weekend paper)

This week, you have two tests to complete and we are now going to start looking at actual AQE papers for the first time.

These tests are much longer (usually about 22-24 pages) and take 60 minutes to complete. However, for the first two papers, we would recommend that you work through the tests with your child, discussing the questions, highlighting or circling the key words and doing any working-out together. This should be done over a few days with no time limit on any particular question.

These tests are supposed to be challenging and there will be some questions which you will find difficult. If there are particular questions which you are getting stuck on, it can be really useful to ask an adult to make up some extra questions - the more you practise, the better you'll get!

As always, a digital copy of each AQE test is available on our website which has been annotated to show how the working-out may be set out and providing you with the answers to each question so that you can mark it together with your child.

Good luck! Don't panic!