

Maths

This week we are learning about capacity. Hopefully the weather will be nice as this week involves lots of pouring and measuring water! By the end of Reception, children should be able to compare quantities using language such as 'most', 'least', 'half full' or 'nearly empty'. They should be able to compare and order items by capacity and begin to solve problems.

Below is a link that explains in more detail how your child learns through sand and water play.

<https://www.topmarks.co.uk/parents/SandAndWater.aspx>

Monday (10-15 minutes)

Quick Starter: Ordinal numbers tell us what position or place something is in, such as 'he came second in the race.' Listen to the ordinal numbers song.

<https://www.youtube.com/watch?v=OCWWNzprEQ4>

This week we are learning to measure capacity. Explain to your child that capacity means the amount that something can hold. So a bucket would have a larger capacity than a teacup, because it could hold more liquid or sand, for example. Follow the link on the website to play the monster milkshake capacity game.

Tuesday (10-15 minutes)

Quick starter: Put 5 small figures or cars in a row and ask your child how many there are. Point to each one from left to right, saying first, second, third, fourth, fifth. Ask your child to point to the first object, then the third, then the fifth.

Today we are learning to describe how full different containers are.

Gather three or four clear plastic bottles and place them in a tray, sink or bath. You could also use clear plastic cups, jugs or containers.

Fill a bowl with water. You may wish to colour the water using a little food colouring to make the water easier to see and measure.

Encourage your child to explore filling the bottles. Your child could try pouring water into the bottles using a jug or they could fill the bottles by holding them in a sink or bowl of water.

Talk about how full the bottles are with your child. Can they use the words empty, nearly empty, half full, nearly full and full to describe the bottles as they fill them?

Possible questions to ask your child as they explore filling and emptying:

Can you pour some water into this bottle so that it is half full?

Can you make this bottle nearly empty? How?

Which bottle is full/empty/nearly full?

How do you know this bottle is nearly full?

How can we change this bottle so that it is nearly full?

Wednesday (10-15 minutes)

Quick starter: Print or copy the labels resourced below. Ask your child to line up the five objects from yesterday. Help them to read the labels. Can they label each object correctly?

Using three different-sized bottles or other clear containers, ask your child which one they think could hold the most and least water, and why they think this. Ask your child to take a small cup or a yoghurt pot and find out how many scoops it takes to fill each container. Can your child line the containers up in order from smallest to largest capacity? Which container held the most/least water?

Thursday (10-15 minutes)

Quick starter: Revise days of the week. What is the first/fourth/seventh day of the week? Which two days make the weekend?

<https://www.youtube.com/watch?v=mXMofxtDPUQ>

You will need two clear bottles, cups or glasses of the same size. Explain that you are going to race your child to see who can fill their container first. One of you can use a spoon to fill, and the other can use an egg cup or yoghurt pot. Who is the winner? Is this fair? Why? How could you make it a fair race?

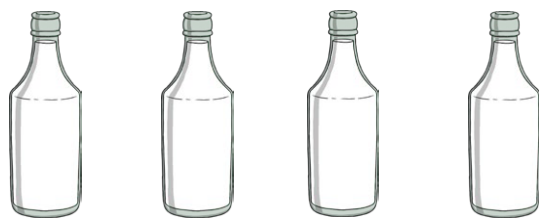
Friday (10-15 minutes)

Quick starter: Revise the months of the year. What is the first/second/third month? Which month is your birthday in?

https://www.youtube.com/watch?v=gtc4c1JIAEM&list=PLqv4y6Om_3_BsDssdzvrCueiho5Tc-1j8&index=2

Have a go at solving the problems. Have some water and containers ready so your child can solve the problems practically. Have fun and don't get too wet!

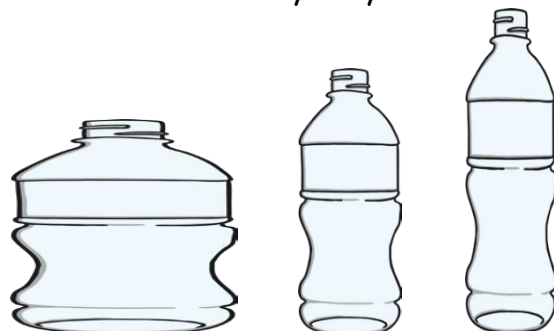
1. I have 4 bottles of water. I empty half of the bottles. How many full bottles do I have left?



2. Can you fill some cups so one is half full, one is less than half full and the other is more than half full?



3. Spencer told Mrs Dexter that the tallest container always holds the most water. Do you think that's true? Why/why not?



Resources

Wednesday

1st

2nd

3rd

4th

5th