

Water Play!

Choose 3 different sized containers. Take a cup and find out how many cupfuls of water it takes to fill each container. Can you line your containers up in order from the smallest capacity to the largest?

Parents: This would be a great activity to do outside if the weather is nice or even at bath time. Encourage your child to describe the volume of water as they fill up their containers to maximum capacity. You could record your results in a table and perhaps change the cup you are using to fill your containers to see how it changes your results!

Maths Challenge

How can we measure volume and capacity? Can you find containers of liquid and see if there is anything to tell you how much liquid you can expect to be inside?

Parents: we have recently covered 'standard' and 'non-standard units of measurement in Year 1 when learning about length and height. You'll be using non-standard units of measurement when completing the water play and word problem activities but this is also a good opportunity to introduce millilitres as a standard unit of measurement and experiment with it a little bit too!

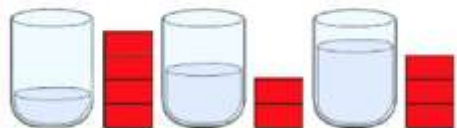
Mathematics Activities

Date: 20.04.20

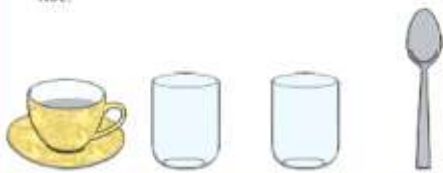
Focus: Volume and capacity

Word Problems

4. I fill some containers. I make a tower of bricks, one brick for each cupful of water I use. Which tower should go next to which container? Try this with a friend.



6. Have a race with a friend to fill a container each. One person use a spoon to fill, and the other use a cup. Who is the winner? Is this fair? Why? Why not?



7. Leo and Larry are racing to fill their containers. Who will be the winner? What would you do to make the race fairer?



Parents: This can be as practical as you like. You can use every day items to recreate the problems to work out the answer!

DAILY ACTIVITIES

- **Number formation** - focus on writing your numbers to 100 like we have been in class...remember to make sure your numbers are facing the right way!
- **Mental maths** - Practise counting in 2s, 5s and 10s. Challenge yourself - can you start counting on from numbers other than 0 or 1?
- **Number bonds** - which numbers always add together to make 20? Can you remember them without having to work them out?
- **Shape hunt** - what shapes can you find in your home? Are they 2D or 3D? Can you name them? Can you describe their features?
- **YouTube** - watch Jack Hartmann maths videos, lots of fun and a workout too!