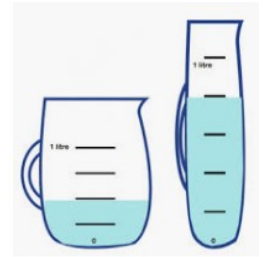


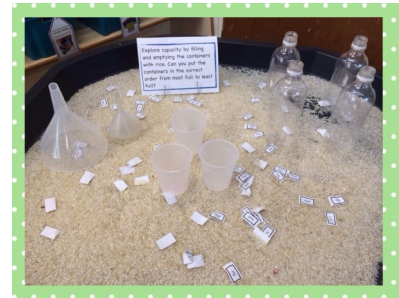
Marvellous Maths

Year R:

This week we will be focussing on capacity. The aim is for your child to use everyday language to talk about capacity and to compare quantities and objects and to solve problems.



1. Give your child a range of containers so that they can play with and explore each one. Discuss with your child the following vocabulary: full, empty, half full, half empty, nearly full, nearly empty, container, cup, jug, measure, volume, capacity. Can they show you a container that is empty? Full? Half full? Etc.
2. Give your child a 3-4 containers of different sizes, widths, heights etc. Can your child put them in order of how much water they think they can hold? Now test to see if they were right. Discuss any misconceptions e.g. tall containers hold more than short ones
3. Have a toy's tea party with Daddy Bear, Mummy Bear, Baby Bear and Goldilocks — can your child give Daddy the cup with the greatest capacity, Baby Bear the one that holds the least etc? If you have a jug, can your child guess how many other toys could come to the party and have a drink too?
4. Remember capacity doesn't have to only involve liquids—experiment with filling/half filling containers with sand, beads, rice etc and matching labels (see below)



5. Have fun with capacity by playing in the sandpit if you have one, or maybe play Mud Kitchen—making recipes with a cupful of mud, a teaspoonful of grass, half a glass of water etc. Keep using the vocabulary of capacity—can your child compare the volumes? Estimate how many cups would fill/half fill the container, how many teaspoons etc—would you need more teaspoons or cups full to fill it??