

# 40 Weeks of Math Challenges

## Week 4



These visual math challenges have been created to intrigue and inspire your children. They are designed to be hands on, open-ended inquiries, to challenge them to think deeply about the world around them.

Each week a new set will be released with four levels.

- Preschool
- Years 1/2 (approx. age 6-8)
- Year 3/4 (approx ages 8-10)
- Year 5/6 (approx. ages 10-12)

I hope you enjoy exploring the ideas with your children! The challenges don't require any special resources, however your children will need a 'Math Journal' to record their discoveries. Any notebook will work, but if you can, try to encourage them to use a Grid book.

You are welcome to freely print these cards for your family but please respect our creative copyright and link back to the original file on our web page to share with others. Thanks, Jo

# Measure

Definition:

To discover the exact size or amount of something.

1. Look at the picture, what do you notice?
2. I have used dried flowers to measure this log. How many flowers long is it?
3. Gather some flowers, shells or rocks. Use them to measure three things. Maybe you will measure your mum's foot, or your brothers teddy bear, or something else, you choose!



## Challenge 4

1/2

# Measure

Definition:

To discover the exact size or amount of something.

1. Look at the picture, what do you notice?
2. Take a ruler outside and choose some things to measure.
3. Draw a picture of the things you have measured in your math journal. Write beside each picture it's measurement.
4. Ask someone to measure you. Write your measurement on a page in your journal titled 'Numbers about me'



# Measure

Definition:

To discover the exact size or amount of something.

1. Look at the picture, what do you notice?
2. What are some of the things you could measure on this wheel?
3. Could you use the stick to measure them all? What other things could you use to measure?
4. Take a tape measure (a sewing one would be good) and take measurements of a bicycle wheel, car wheel and any other wheel that you can find.
5. Record your measurements in your math journal.



## Challenge 4

5/6

# Measure

Definition:

To discover the exact size or amount of something.

1. This is a water storage tank in our town. What do you notice?
2. What do you think the numbers on the side of the tank mean?
3. If you can, visit your local water storage area. See if you can discover more about how water is measured there. Find out how much water your town uses.
4. Write your discoveries in your math journal.

