

40 Weeks of Math Challenges

Week 6



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

Number

Definition:

Is a mathematical symbol which represents an amount.

1. Lay ten sticks on the ground.
2. As you jump over each one count out loud. Turn around and jump back, can you count backwards while you jump back, 10- 1?
3. Use one of the sticks to write the numbers 1- 10 in the dirt.

1 2 3 4 5 6 7 8 9 10



Challenge 6

1/2

Number

Definition:

Is a mathematical symbol which represents an amount.

1. Look at the picture, what do you notice?
2. Play 'eye-spy' numbers outside. I spy with my little eye 3 little orange things...
3. See if you can find things for all the counting numbers up to 20.
4. Add how old you are and your birthdate to your 'Numbers About Me' page in your journal.



Number

Definition:

Is a mathematical symbol which represents an amount.

1. Make a page in your math journal called 'Numbers About Me.'
2. Fill the page with all numbers that about you. You might like to start with your birthdate and how old you are. Can you fill the page?



Challenge 6

5/6

Number

Definition:

Is a mathematical symbol which represents an amount.

1. Find out about some special kinds of numbers and write about them in your math journal.

Prime

Natural

Composite

Negative

2. Can you find any other special numbers?

