

40 Weeks of Math Challenges

Week 30



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

Location

Definition:

Where something is in relation to other things.

1. Can you tell which way is North? Which way is East? What about West and South?
2. Stand with your arms outstretched. Right hand pointing to where the sun rises. Left to where the sun sets.
3. Your right hand is pointing to the EAST, your left to the WEST. You are facing NORTH and SOUTH is directly behind you.
4. Practice your directions this week.



Challenge 30

1/2

Location

Definition:

Where something is in relation to other things.

1. Do you know where you live?
2. Find the country you live in on a globe or in an atlas.
3. What other countries and or oceans are near your country.
4. Draw a map in your math journal of where you live.



Location

Definition:

Where something is in relation to other things.

1. Visit your local information centre and pick up some maps of the area.
2. Paste one in your math book and mark off all the places you have been to.
3. Have fun making your own map, it could be of a place you know, or you could make up your very own land.



Location

Definition:

Where something is in relation to other things.

1. A Compass Rose is a beautiful way to show direction on a map.
2. Learn how to draw one using a compass and ruler. (You can find tutorials on YouTube, this one might help - <https://youtu.be/TiqdAPyKibY>)
3. Look for compass roses on old maps and in atlases.

