

40 Weeks of Math Challenges

Week 17



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

Tally Marks

Definition:

Are marks to keep track of counting. Every fifth number is a line drawn through the previous four.

1. Let's count to five.
2. When we count with tally marks we draw 4 lines and then when we get to the number 5 we draw a line through the 4 we have just drawn.
3. Collect sticks and practice counting to five just like in the picture.



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1. Look at the picture, what do you notice?
2. It is fun to look for little creatures under leaves and bark.
3. Go outside and search for mini-beasts. Take a piece of paper and pencil to mark how many you find. Mark a line for every creature, when you get to the fifth make a cross though the four before it, like this.
 this means five.
4. Make a list of 1-10 with tally marks in your journal.

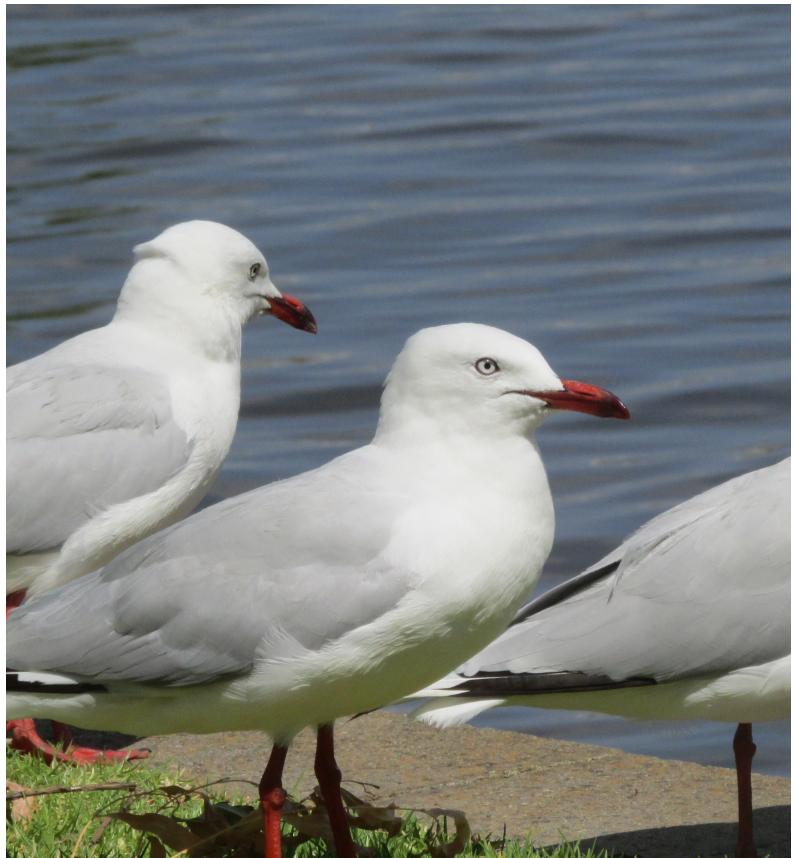


Tally Marks

Definition:

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1. How many birds? How would you recorded that with tally marks.
2. Have you ever done a bird count? You can use tally Marks when counting animals.
3. Take a clip board, or your math journal outside. Sit quietly for 20mins. Record all the birds, that come to your yard or fly over your house, using tally marks.



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1. What do you see? What do you notice?
2. The tally Marks that you might be familiar with:
 are not the only type of tally marks. Different countries different ways to show a tally.
3. Research different styles of tally marks.
4. Make a page in your math journal showing the different tally mark systems and where they are found.

