

## Family Fun with Math: “Hopscotch”

Math learning can happen anytime! Here are a few ideas to help your children see the math all around them.

### Why hopscotch?

Kids love to play, and spring is the best time for their outdoor or backyard/front yard play. The game of hopscotch can enhance the child’s recognition of numbers, shapes, direction, fine motor coordination of small muscles, in movements—usually involving the synchronization of hands and fingers—with the eyes), and gross motor skills (involve using the large muscles in the torso, arms and legs to complete whole-body movements).

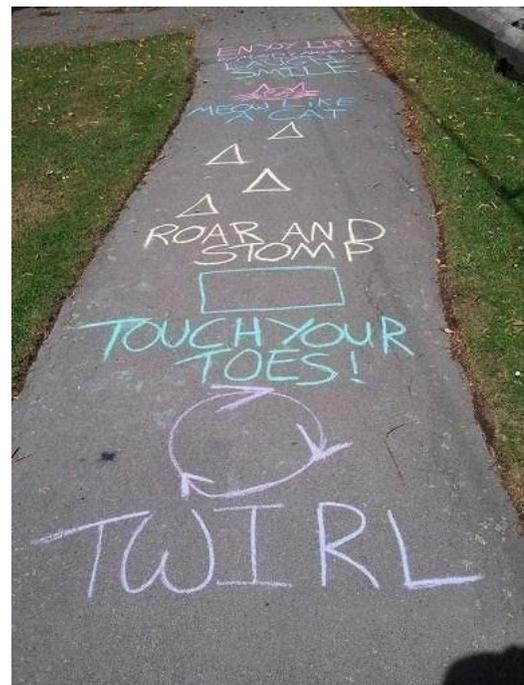
### Try it Out: Draw together!

We know that hopscotch often looks like this.



We can also make Hopscotch with an intention for kids to learn shapes, multiples, subtraction, addition, fraction and direction.

**like this!**



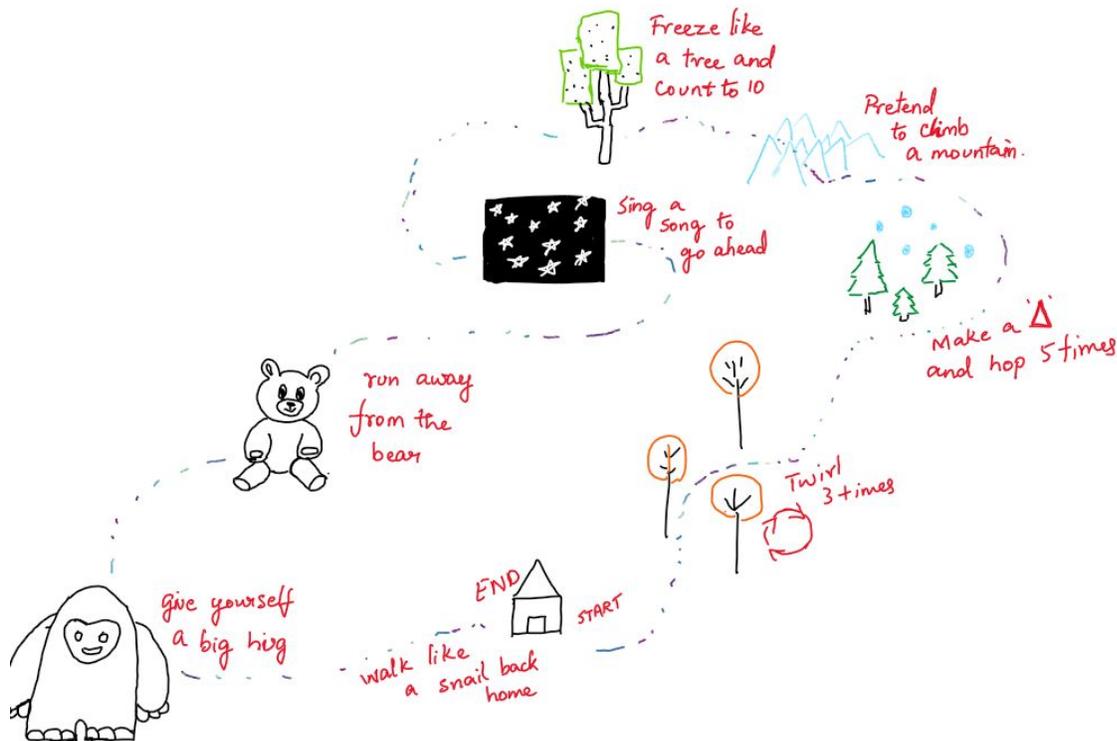
*Or*

**like this!** *Try your own!*

Talk about It:

Any adventure story could be read and connected to the hopscotch game.

For example, for the story [Dear Yeti](#) here is an hopscotch idea



Want a different story?

[Where Are You?](#) by Author Sarah Williamson

[Roaring rockets](#) by Tony Mitton

[Eric and the red planet](#): A space adventure with numbers by Caroline Glicksman.

Here are some questions to ask your child:

- Questions like
  1. What were the hikers looking for?
  2. Where did they go first?
  3. What did they find on their way?
  4. Whom did they meet before meeting the Yeti?
- Create your own adventure story and make a hopscotch map and play the game.

### Make it Work for Your Child:

- Use your child's strength in the start and increase the difficulty of the task as you move on.
- You can draw the pictures on a paper and stick it on the floor as your child instructs if he/she needs support with movement or sitting down.
- Make it your child's idea and use materials that motivates them.

### Make it Work for Your Family:

- How could older or younger siblings participate?  
Can support with the story and drawing and be a part of the game.
- How could the whole family play together?  
The whole family could go on a treasure hunt hopscotch and support each other with the game.