

# Measure Me!

## STATION GUIDE



Want to learn more about playing math?  
Visit [www.zenomath.org](http://www.zenomath.org)

### Overview

This guide provides information on how to setup and facilitate a small group of 2-7 children or a center station to play the Zeno Game, Measure Me! At least one adult should be present when playing.

Some of these instructions assume that children can work cooperatively with one another. If that is not developmentally appropriate for the children you are working with, it may be best to have more adults to serve as the children's partners.

Small group play should last 5-10 minutes and should focus on no more than 2 game levels at a time.

When playing, refrain from using "no" to direct children. The word "no" does not provide children with any skills or verbal guidance.

It is critical that you play the game in your classroom for the week prior to sending it home to ensure that children are excited and comfortable to take it home and play with their families.



### Goal

In this game your children will learn how to compare and measure different objects.

### Before You Begin

Remember that it is important to give children time to freely play with the game materials and explore the game concept of measuring.

Please ensure that children have had adequate time to explore the game and its concept prior to small groups.





## Level 1



Creature Pieces x3

First, demonstrate how to play by making a creature with any of the creature parts.



Now, it's their turn! Allow children to create a creature using any of the creature parts.



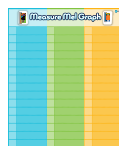
Talk about how tall the different creatures are or other attributes of the creatures!



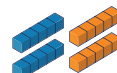
## Level 2



Creature Pieces x3



Graph x3



Unifix Cubes x3

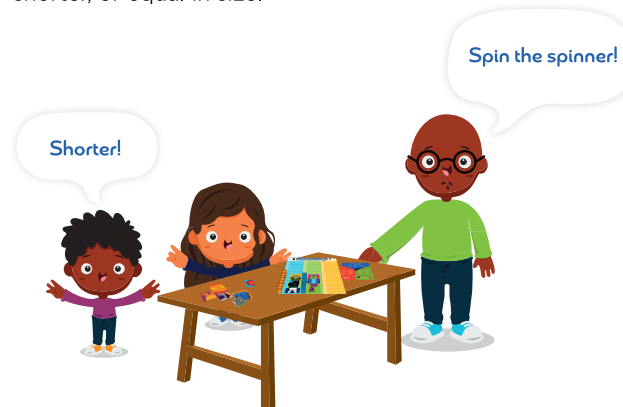


Spinner x3

First, demonstrate how to play by creating a creature. Spin to decide if the next creature should be taller, shorter, or equal in size. Ask the children to help you make the next creature.



Now, it's their turn! Allow children to make a creature and then spin to decide if the next creature should be taller, shorter, or equal in size.



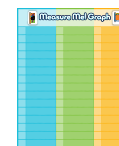
As they play, talk with the children about the different creatures heights. If they are ready for more of a challenge, encourage them to graph their creatures.



## Level 3



Creature Pieces x3



Graph x3

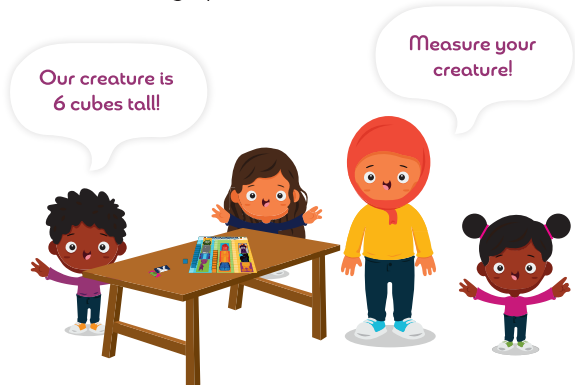


Unifix Cubes x3

First, demonstrate how to play by making 3 creatures. Ask the children to help you estimate how many cubes tall each creature is. Measure the creatures using the cubes and graph your results.



Now, it's their turn! Allow the children to make 3 creatures and estimate how many cubes tall each creature is. Then, encourage them to measure their creatures and graph the results.



As they play, talk with the children about the different heights of the creatures. If they are ready for more of a challenge, encourage them to order their creatures from tallest to shortest.