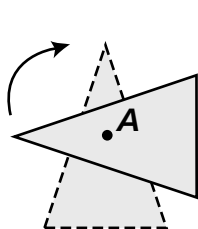




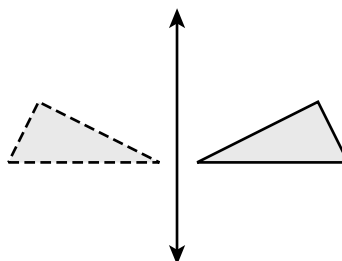
Dear Family,

In our math class, we are studying how the position of a shape can be changed. Changing the position of a shape is called a *transformation*. Examples of transformations are shown below.

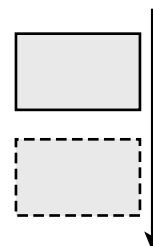
Transformations



Rotation  
(turn)



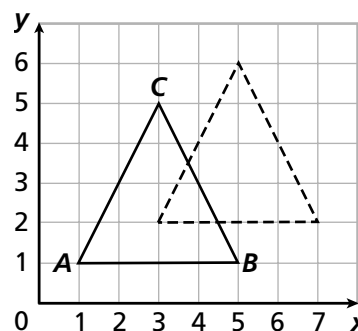
Reflection  
(flip)



Translation  
(slide)

We will also be working with coordinate grids, like the coordinate grid shown at the right.

We will discover that transformations can be made on a coordinate grid. This grid shows a translation of triangle  $ABC$ : each point of the triangle has been moved two units to the right and one unit up.



We will also be working with patterns during this unit, and exploring different ways graphs can be used to represent situations in our everyday lives.

If you have any questions or comments, please call or write to me.

Sincerely,  
Your child's teacher