

Activity	Time	Description/Prompt	Materials
Video: Mindset	4 minutes	Video: https://vimeo.com/126645788	<ul style="list-style-type: none"> • Projector • Video
Video Discussion	2 minutes	Questions for the Discussion is from BCPS <ol style="list-style-type: none"> 1. Why do you think people often don't like math? 2. What did you learn about your brain and math? 3. What was a really important message you just heard? Why? 	
Journal Prompt	5 minutes	Journal Prompt is from BCPS <ul style="list-style-type: none"> • How has your math mindset changed so far? Why/how has it changed? 	<ul style="list-style-type: none"> • Journal • Pencil
Good Group Work	15 minutes	<ol style="list-style-type: none"> 1. Reflect on the things you do not like people to say and do when you are working on math in a group. 2. Reflect on the things you do like people to say and do when you are working on math in a group. 	<ul style="list-style-type: none"> • Paper • Pencil • Large poster paper • Markers
Four 4's	15 minutes	Find the numbers 1-20 using only four 4's and any operation. Students work in groups and come up to the board to share solutions whenever they find them.	<ul style="list-style-type: none"> • Paper • Pencil
Closing	3-5 minutes	Review the key concepts: <ul style="list-style-type: none"> • Having a growth mindset for mathematics is important. • We can all learn math to any level we choose. • Self-belief is really important. 	

Extensions:

- Can you continue using Four 4's to find numbers greater than 20?
- Make a number challenge of your own that is similar to Four 4's.
- Can you use Four 4's to make negative numbers?
- How many numbers can you make with Five 5's?