

Activity Title:	Pete the Cat and His Four Groovy Buttons/Growth Mindset
Timeframe:	~40 Minutes
Big Ideas and/or Essential Questions:	How can I sort buttons into different groups?
PA Standards:	Next Generation Science Standards Practices -Asking Questions -Planning and carrying out investigations -Using mathematics and computational thinking
Learning Target(s):	- I can sort buttons into groups and use a positive growth mindset.
Materials:	Pete the Cat and His Four Groovy Buttons book by Eric Litwin Pete the Cat and His Four Groovy Buttons video-petethecatbooks.com http://www.petethecatbooks.com/songs/?videoid=563 Buttons for sorting all different colors, shapes, and sizes. Paper Plates 3 plates per group of three
Activity Procedures:	<ol style="list-style-type: none"> 1. Read/Think aloud the book <u>Pete the Cat and His Four Groovy Buttons</u>. Point out that each time Pete loses a button we take one away from the number of buttons he has on his jacket. 2. Introduce the Growth Mindset and Perseverance. Discuss how Pete the Cat didn't cry when he was upset about losing his buttons. 3. Pull out a jar with all different buttons. Pull two different buttons out of the jar. Ask the students to share one example of how the buttons are alike and how are they different. 4. Explain that today you will be working with a small group and collaborating how to sort buttons into different groups.

	<ol style="list-style-type: none"> 5. Place students in groups of three. Hand out the buttons to each group and have them begin sorting/classifying the buttons. 6. Teacher rotates around the room and asks the students how their group sorted the buttons. Once they have sorted the buttons, ask them if they can take one of their sorts and sort that same group another way. (color, size, shape, texture, number or holes per button...) 7. Ask all the students to come back to carpet spots. Review different ways they sorted/classified the buttons.
Assessments:	<p>Reflect-Ask students the following questions. How did your group sort the buttons. (two button holes, four button holes, color, size, texture, shape)</p> <p>How did your group work together?</p> <p>Did you use a growth mindset as you worked with your group?</p>

