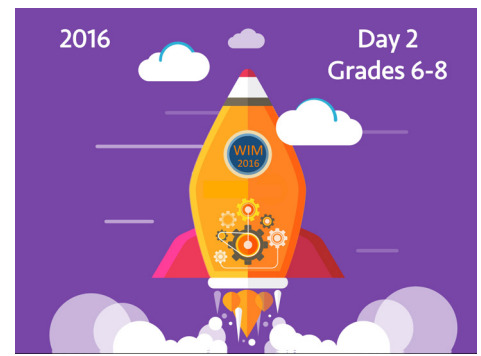


Introduction:

This activity is open and gives space for students to learn about representing in a graph with different dimensions but without numbers.

Agenda for the day:

| Activity | Time | Description/Prompt | Materials |
|-----------------------|--------|---|---|
| Mindset Video | 5 min | Play the mindset video, <i>Mistakes are Powerful</i> https://www.youcubed.org/wim2-day-2/ | Mindset Video day 3, <i>Mistakes are Powerful</i> |
| Emoji Graph | 10 min | Read and analyze a graph 1. What ideas do you have? 2. What do you notice? 3. What questions do you have? 4. What information is this giving to you? | LCD projector Paper/journal Pencil/pen |
| Create your own graph | 15 min | Create a graph with a partner or a team. | Poster paper Markers Meter sticks/Rulers |
| Interpret a graph | 10 min | Interpret another team's graph 1. Study the graph. 2. Respond to what the graph is saying. | |
| Closing | 5 min | You may like to close the lesson by reminding students of the importance of believing in themselves. When they believe in themselves their brains grow more when they struggle or make a mistake. | |



In the next part of the activity groups will read each other's graphs. When each group has at least 12-15 items placed on their graph hang the posters up around the room so they are located near to another group, that did not make it. Give groups time to study and discuss the graph made by another group.

Once groups are ready bring the class back together. Ask each group to describe what the poster they read, is showing. Rotate from group to group giving each group about 2-5 minutes to describe and respond to the graph poster they saw.

