**5th Grade Cluster 1: Graphing and Data**

*Additional Resources*



**Videos to share with students, families and colleagues:**

* [Introduction to the coordinate plane](https://www.khanacademy.org/math/basic-geo/basic-geo-coord-plane/coordinate-plane-quad-1/v/introduction-to-the-coordinate-plane)
* [How do I know where to plot the coordinates on a plane?](https://learnzillion.com/lesson_plans/5419-plot-points-on-a-coordinate-grid/)
* [Identifying the relationship of points on a coordinate plane](https://learnzillion.com/lesson_plans/8441-plot-points-on-a-coordinate-plane/)
* [Learning about line graphs](https://www.youtube.com/watch?v=n2YkbdNORp8)
* [Practice reading line graphs](https://www.youtube.com/watch?v=Opd1GDJjx4s)
* [Coordinate Plane Song](https://www.amazon.com/Coordinate-Plane-Song-Kids-Grade/dp/B01HU91S7C)

**Literature Connections:**

**For Coordinate Grids:**

* *The Fly on the Ceiling* by Dr. Julie Glass
* [Video reading of *The Fly on the Ceiling* (Dr. Julie Glass)](https://www.youtube.com/watch?v=HfecU1nqKFc)
* *Sir Cumference and the Viking’s Map* by Cindy Neuschwander
* [Video reading of *Sir Cumference and the Viking’s Map* by Cindy Neuschwander](https://www.youtube.com/watch?v=Q3xEr2vPmMk)

**For Line Graphs:**

* *Tiger Math* by Ann Whitehead Nagda

**Interactive Activities:**

* [Identify coordinates on a plane](https://www.mathgames.com/skill/5.108-coordinate-graphs-review-with-whole-numbers)
* [Graph points on a plane](https://www.mathgames.com/skill/5.106-graph-points-on-a-coordinate-plane)
* [Create line graphs](https://www.ixl.com/math/grade-5/create-line-graphs)
* [Interpret line graphs](https://www.ixl.com/math/grade-5/interpret-line-graphs)