

TEACHER SUPPORT PARALYMPIC™ HOPEFUL

CONTENT: Collect, organize, represent, and interpret data in graphs. (Grades 4–5)



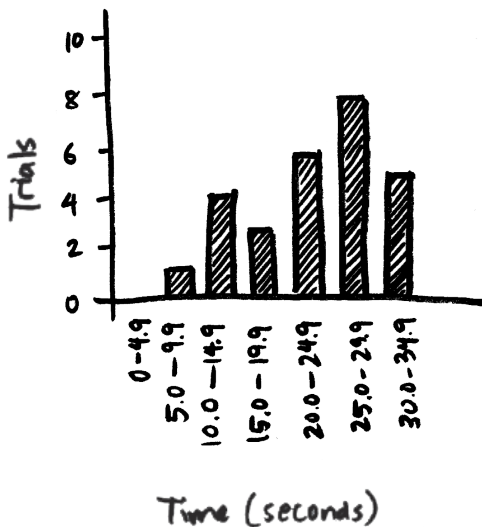
LANGUAGE SUPPORT: The name *Paralympics* originally stems from a combination of *paraplegic* (i.e., people with spinal injuries) and *Olympics*. Today, the prefix *para-* is generally associated with the Greek meaning of *beside*. Show students other words that have the prefix *para-*, such as *paragraph* (one written thought placed *beside* another thought) or *parasite* (originally referring to someone eating the food of someone else *beside* them).



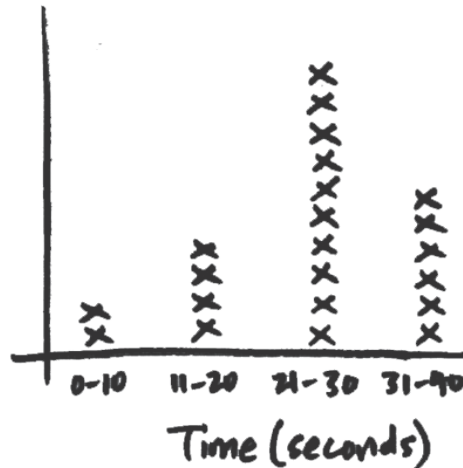
SUPPORT FOR ALL LEARNERS: Students may struggle with the concentration required to persist with a monotonous task for 23 seconds and then keep repeating it. Explain that focusing can be difficult but is required in many places in life and will help anyone grow as a learner. Have them think of strategies to help them focus, such as drawing lines to mark the seconds or physically changing their positions.

GRAPHING DATA: Here are some sample graphs that show what your students' data may look like.

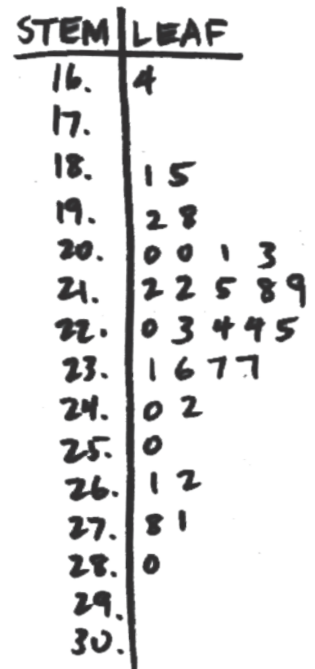
BAR GRAPH:



LINE PLOT:



STEM-AND-LEAF PLOT:



To learn more about math in sports, visit hnhco.com/mathatwork.