PARALYMPIC HOPEFUL TEACHER SUPPORT

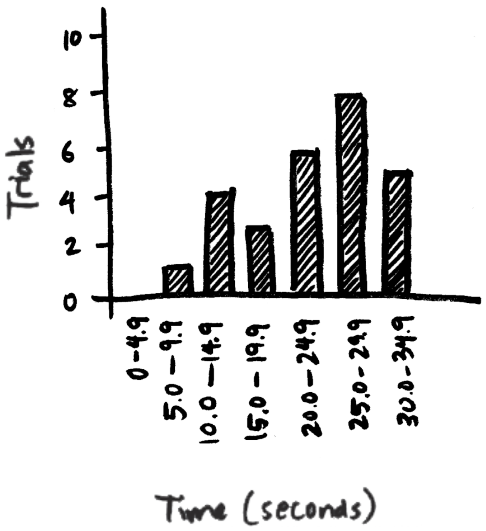
CONTENT: Collect, organize, represent, and interpret data in graphs. (Grades 4–5)

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).

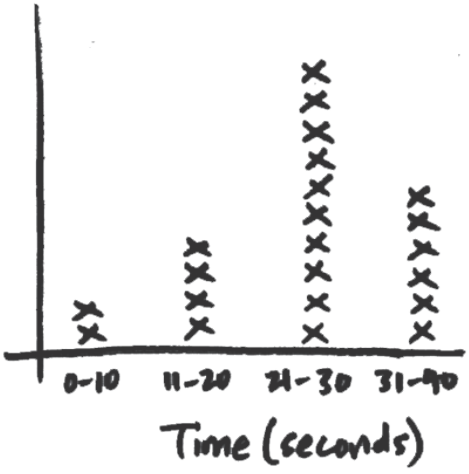
SUPPORT FOR ALL LEARNERS: Students may struggle with the concentration required to persist with a monotonous task for 23 seconds and then keep repeating it. Explain that focusing can be difficult but is required in many places in life and will help anyone grow as a learner. Have them think of strategies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

STEM	LEAF
16.	4
17.	
18.	1 5
19.	2 8
20.	0 0 1 3
21.	2 2 5 8 9
22.	0 3 4 4 5
23.	1 6 7 7
24.	0 2
25.	0
26.	1 2
27.	8 1
28.	0
29.	
30.	

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

Houghton Mifflin Harcourt®, HMH®, and The Learning Company™ are trademarks or registered trademarks of Houghton Mifflin Harcourt. © Houghton Mifflin Harcourt. All rights reserved. 07/20 WF1162442b