



WATER BOTTLE FLIP LINE PLOT ACTIVITY

HAVE YOUR STUDENTS FLIP WATER BOTTLES (JUST LIKE IN ALL THE VIRAL VIDEOS!) AND SEE HOW MANY TIMES THEY CAN SUCCESSFULLY FLIP IT! RECORD DATA AND CREATE A LINE PLOT.

1) FLIP A WATER BOTTLE 10 TIMES.

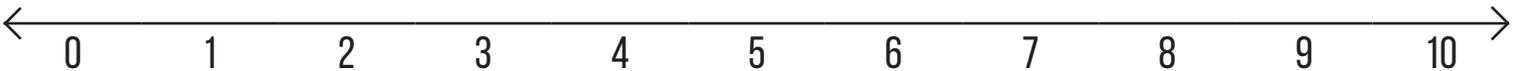
2) TALLY HOW MANY TIMES YOU SUCCESSFULLY FLIPPED THE WATER BOTTLE UPRIGHT ON ITS BOTTOM.

	TALLY
SUCCESS	

3) ON THE CHART BELOW, COLLECT DATA FROM OTHER CLASSMATES (AT LEAST 10 OTHER STUDENTS).

NUMBER OF SUCCESSES	TALLY	NUMBER OF SUCCESSES	TALLY
0		6	
1		7	
2		8	
3		9	
4		10	
5			

4) MAKE A PLOT LINE THAT SHOW NUMBER OF SUCCESSES BY USING THE DATA YOU COLLECTED.



5) ANSWER THESE QUESTIONS BASED ON YOUR LINE PLOT.

- HOW MANY STUDENTS SUCCESSFULLY FLIPPED THEIR WATER BOTTLE 5 TIMES?
- WHAT WAS THE HIGHEST NUMBER OF SUCCESS?
- WHAT WAS THE LOWEST NUMBER OF SUCCESS?
- FIND THE MEDIAN, MODE, RANGE AND MEAN OF THE LINE PLOT ABOVE.

MEDIAN		RANGE	
MODE		MEAN	