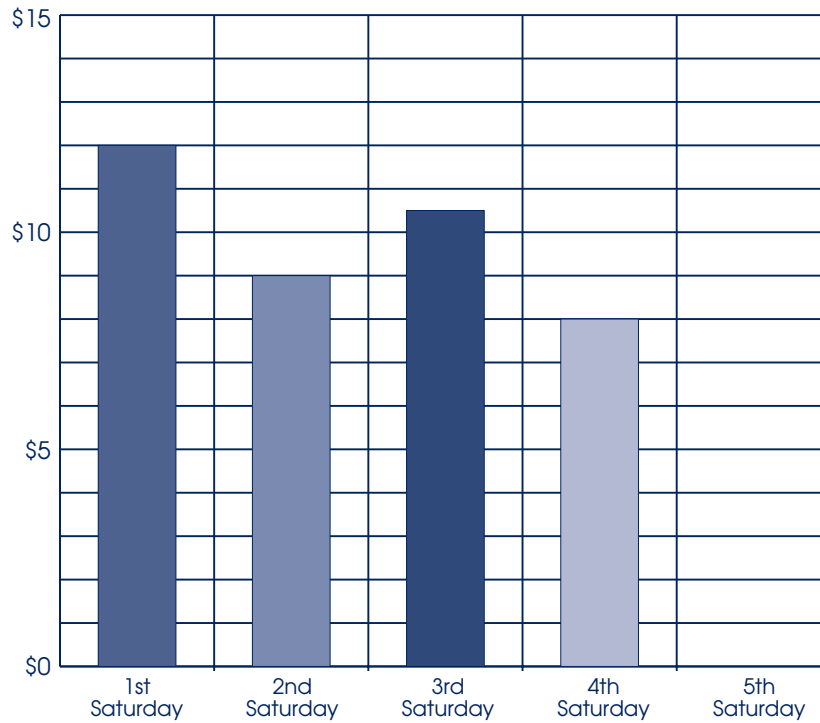


Approach: Station  
 Focus: Completing a bar graph  
 Resources: Graph in recording book



**Questions / instructions:**

Tom has a weekend job delivering papers. He is saving to buy a new bike. He records his savings on a graph. **BUT** he forgets to name and label his graph. Help Tom finish his graph.

1. Write a suitable title for Tom's graph. Write it in the best place on the graph.

Title included: savings weekly  
 title at top

2. On the graph write a title for the bottom axis.

e.g. days

3. On the graph write a title for the side axis.

e.g. money

4. Tom works extra hard on the 5th Saturday. He saves \$3.00 more than his savings on the first Saturday. Show his savings on the graph.

correct height  
 correct shape  
 shaded

5. Which Saturday did Tom save the least?

4th Saturday

**Total score:** 11-12

9-10

6-8

3-5

0-2

% responses 2003 ('99)

year 8

54 (54)  
8 (6)

92 (92)

64 (63)

76 (77)

% responses 2003 ('99)

year 8

73 (76)

85 (87)

78 (72)

80 (86)

24 (23)

40 (41)

26 (27)

8 (5)

2 (4)

**Commentary:**

About 80 percent of year 8 students added a bar to the graph accurately, given data, and placed the title of the graph correctly. Between 50 and 60 percent of students provided appropriate titles. There was no change in performance between 1999 and 2003.