

Grade 3 Unpacked Math Standards – Statistics & Probability

3.S.1.1. Students are able to ask and answer questions from data represented in bar graphs, pictographs and tally charts.

Webb Level: 2

Bloom: Application

Verbs Defined:

Key Terms Defined:

Pictograph- a graph that uses pictures to show and compare information.

Bar graphs- a graph form using rectangular bars to summarize data; specifically to show how many observations fall into a particular category.

Tally chart-

Snack	Tally
Chocolate	
Crisps	
Fruit	/
Cheese string	

Teacher Speak:

Students are able to ask and answer questions from data represented in bar graphs (a graph form using rectangular bars to summarize data), pictographs (a graph that uses pictures to show and compare information) and tally charts.

Student Speak:

I can ask questions from information in bar graphs

I can answer questions from information in bar graphs.

I can ask questions from information in pictographs.

I can answer questions from pictographs.

I can ask questions from information in tally charts.

I can answer questions from tally charts.

3.S.1.2. Students are able to **gather** data and **use** the information to **complete** a scaled and labeled graph.

Webb Level: 3

Bloom: Application

Verbs Defined:

Gather- collect
Use-apply
Complete-create

Key Terms Defined:

Scaled/labeled graph- a graph in which the intervals on the x any axis have been defined and labeled

Teacher Speak:

Students are able to gather (collect) data and use (apply) the information to complete (create) a scaled and labeled graph.

Student Speak:

I can collect (gather) data.
I can create (complete) a graph from gathered data.
I can label the scales of a graph.

3.S.2.1. Students are able to **describe** events as certain or impossible.

Webb Level: 1**Bloom: Comprehension****Verbs Defined:**

Describe- tell in words

Key Terms Defined:

Events- the result of a single action (like flipping a coin or spinning a spinner)
Certain- 100% probability, event must happen
Impossible- 0% probability, event will not happen

Teacher Speak:

Students are able to describe (tell in words) events as certain or impossible.

Student Speak:

I can tell (describe) the likelihood of an event as certain or impossible.