

Grade 2 Unpacked Math Standards - Statistics & Probability

2.S.1.1. Students are able to use interviews, surveys, and observations to **gather** data.

Webb Level: 3

Bloom: Comprehension

Verbs Defined:

Gather - collect

Key Terms Defined:

Data – information gathered by observing, counting, or measuring

Survey –a method of collecting information from a sample of a population in order to draw conclusions about the whole populations. Surveys often take the form of interviews or questionnaires.

Teacher Speak:

Students are able to use interviews, surveys, and observations to collect data.

Student Speak:

I can collect data by questioning and viewing events.

2.S.1.2. Students are able to **represent** data sets in more than one way.

Webb Level: 3

Bloom: Application

Verbs Defined:

Represent – show or display in a bar graph, frequency table, or pictograph

Key Terms Defined:

Data set – a collection of information gathered by observing, counting, or measuring

Teacher Speak:

Students are able to represent (show or display in a bar graph, frequency table, or pictograph) data sets (a collection of information gathered by observing, counting, or measuring) in more than one way.

Student Speak:

I can show or display information I collected in more than one way using bar graphs, tables or pictographs.

2. S.1.3. Students are able to **answer** questions about and **generate** explanations of data given in tables and graphs.

Webb Level: 3

Bloom: Comprehension

Verbs Defined:

Answer – to reply by speaking or writing

Generate – develop

Key terms defined:

Explanation – a solution or reason in speaking or writing

Data - information gathered by observing, counting, or measuring

Teacher Speak:

Students are able to answer (to reply by speaking or writing) questions about and generate (develop) explanations of data given in tables and graphs.

Student Speak:

I can answer questions and explain my reasoning when looking at a table or graph.

2.S.2.1. Students are able to list possible outcomes of a simple event and make predictions about which outcome is more or less likely to occur.

Webb Level 2

Bloom: Application

Verbs Defined:

Key Terms Defined:

Outcome – a possible result

Make Predictions –state what someone thinks will happen in the future

Teacher Speak:

Students are able to list outcomes (possible results) for a simple event.

Students are able to predict (*state what someone thinks will happen in the future*) which outcome is more or less likely to occur.

Student Speak:

I can make a list of possible results for a simple event.

I can predict if an outcome is more or less likely to happen.