Data Management – Smarties Assignment Grade 1

Name: _____

Date: _____

Let's Tally All The Colours of Your Smarties

Red _____   Yellow _____   Blue _____   Green _____

Brown _____   Pink _____   Orange _____   Purple _____

Using the data above, make a bar graph. Make sure you include the **title** at the top and the **labels** at the bottom.

_____

_____ _____ _____ _____ _____ _____ _____ _____

Write two questions you could ask someone about your data.

1. _____

   _____

2. _____

   _____

Answer the two questions yourself.

1. _____

   _____

2. _____

   _____

Data Management – Smarties Assignment Grade 2

Name: _____

Date: _____

Let's Tally All The Colours of Your Smarties

Red _____   Yellow _____   Blue _____ Green _____

Brown _____   Pink _____   Orange _____ Purple _____

Using the data above, make a bar graph. Make sure you include the
following: Title ____   2. Scale ____   3. Label ____   4. Data ____

_____

_____ _____ _____ _____ _____ _____ _____ _____

Write two questions you could ask someone about your data.

1. _____

_____

2. _____

_____

Answer the two questions yourself.

1. _____

_____

2. _____

_____

Data Management Rubric - Smarties Assignment Grade 1

Overall Expectations:
1. Collect and organize data and display data using concrete graph
2. Read and describe primary data presented in concrete graph

Learning Goal: To sort and organize Smarties based on colour.

Success Criteria:
1. I can use tallies.
2. I can create a title.
3. I can use labels.
4. I can ask and answer questions about my data.
1. I can make a graph that others can read and understand.

Categories	Level1	Level 2	Level 3	Level 4
Knowledge and Understanding: title and labels, recording data (tallies, numbers, bars)	Title is inappropriate or missing, few labels records data with several major errors	One word title and some labels records data with some minor errors	Appropriate title and most labels records data with few minor errors	Highly appropriate title and all labels Accurately records all data
Thinking: Able to collect and organize data Writing and answering questions	Collects 1 or 2 pieces of data Organization inconsistent or inappropriate Poses 1 very simple but somewhat appropriate question Responds in one word	Collects some data organization is somewhat appropriate Poses one or two simplistic questions Response is simplistic	Generally appropriately collects and organizes data Poses two appropriate questions and responses are correct	Effectively collects and organizes data Poses two very good questions and responses are detailed and correct
Communication: communicates information Incorporates math terminology, symbols	Graph unclearly and incompletely communicates information Questions and responses use simplistic vocabulary	Graph somewhat clearly and completely communicates information Questions and responses incorporate one or two basic math words	Graph generally clearly and completely communicates information Questions and responses incorporate math words	Graph clearly and completely communicates information Questions and responses incorporate a variety of math words
Application: Applies skills taught in new situation	Applies skills with teacher support with limited accuracy	Applies skills with few teacher reminders with some degree of accuracy	Applies skills independently with a good degree of accuracy	Applies skills independently with a high degree of accuracy

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Data Management Rubric - Smarties Assignment Grade 2

Overall Expectations:
1. Collect and organize data and display data using concrete graph
2. Read and describe primary data presented in concrete graph

Learning Goal: To sort and organize Smarties based on colour.

Success Criteria:
1. I can use tallies.
2. I can create a title for my graph.
3. I can create labels for my graph.
4. I can use a numbers (scale) on my graph.
5. I can ask and answer questions about my data.
6. I can make a graph that others can read and understand.

Categories	Level1	Level 2	Level 3	Level 4
Knowledge and Understanding: Able to give title and label, recording data (tallies, scale, bars, numbers)	Title is inappropriate or missing few labels records data with several major errors	One word title and some labels records data with some minor errors	Appropriate title and most labels records data with few minor errors	Highly appropriate title and all labels Accurately records all data
Thinking: Able to collect and organize data Writing and answering questions	Collects 1 or 2 pieces of data Organization inconsistent or inappropriate Poses 1 very simple but somewhat appropriate question Responds in one word	Collects some data organization is somewhat appropriate Poses one or two simplistic questions

Response is simplistic | Generally appropriately collects and organizes data Poses two appropriate questions and responses are correct | Effectively collects and organizes data

Poses two very good questions and responses are detailed and correct |
| **Communication** communicates information Incorporates math terminology, symbols | Graph unclearly and incompletely communicates information Questions and responses use simplistic vocabulary | Graph somewhat clearly and completely communicates information Questions and responses incorporate one or two basic math words | Graph generally clearly and completely communicates information Questions and responses incorporate math words | Graph clearly and completely communicates information Questions and responses incorporate a variety of math words |
| **Application:** Applies skills taught in new situation | Applies skills with teacher support with limited accuracy | Applies skills with few teacher reminders with some degree of accuracy | Applies skills independently with a good degree of accuracy | Applies skills independently with a high degree of accuracy |