Math Choice Cards

Design a Video

Devise an addition word problem with a partner.

Then create a video showing and explaining what addition means to you.

Design a Video
~ What is Expected.

Describe each step of the solution process (Communicating, Problem Solving

Make sure that your video explains how you selected and applied efficient mental and written strategies to solve your addition word problem.

You may use props, posters, etc. to help you in your video. It must be at least 5 minutes long.

Addition Quiz

Create a quiz about your favourite type of addition.
Your quiz can be as simple or as complex as you like.
You might want to have skills practice , word problems or even a mixture of both.

Don't forget to include an answer key.

Addition Quiz
~ What is expected.

Your quiz needs to have at least 10 questions.
Your quiz may be digital or paper.

Don't forget to include an answer key.

Design an Addition Game.

Design and create a game about addition. Include the game rules, question cards, and an answer key.

Be creative!

Design an Addition Game ~ What is Expected.

Make sure that it is easily understood. Don't forget to include everything that you need for the game – e.g. game board, rules, dice, cards etc.

You may choose to work with a partner.

Grocery Subtraction Problems

Using a grocery catalogue create 5 subtraction problems.
Solve each problem using your problem solving strategies.

Can you add in extra information?

Grocery Subtraction Problems ~ What is Expected.

This can be showcased however you like.
Make sure that you show all working out and not just the answer.
Make sure you keep the catalogue for reference.

Can you add in extra information?

Create a Subtraction Poster

It is for students in year 3, teaching them how to subtract multi digit numbers.

List all the steps and include an example.

To be tricky you might want to create 2 posters with one including zeros in your problem.

Create a Subtraction Poster ~ What is Expected.

Make your poster easy to understand. List all the strategies that can be used. Make sure that it is in your own words.
Can be digital or paper.

To be tricky you might want to create 2 posters with one including zeros in your problem.

Create a Fraction Dictionary.

Make sure that you cover :

whole, equal parts, half, quarter, eighth, third, sixth, twelfth, fifth, tenth, hundredth, thousandth, one-thousandth, fraction, numerator, denominator, mixed numeral, whole number, number line, proper fraction and improper fraction.

Create a Fraction Dictionary.
~ What is Expected.

Make your dictionary easy to understand.
Make sure you include a definition, illustrations / photo, or an example for each word in your dictionary.
Make sure that you cover :

whole, equal parts, half, quarter, eighth, third, sixth, twelfth, fifth, tenth, hundredth, thousandth, one-thousandth, fraction, numerator, denominator, mixed numeral, whole number, number line, proper fraction and improper fraction.

Don't forget as it is a dictionary it needs to be in alphabetical order. Each word will have its own page.
Can be digital or paper.

Create a Fraction Poster.

There needs to be included:

a fraction with both numerator and denominator labelled correctly.

5 fractions equivalent to ½.

5 mixed numbers

5 improper fractions.

Make sure that your poster is labelled correctly.

Create a fraction poster.
~ What is Expected.

Make your poster easy to understand. Label everything correctly.

There needs to be included:

a fraction with both numerator and denominator labelled correctly.

5 fractions equivalent to ½.

5 mixed numbers

5 improper fractions.

Make sure there is a definition, illustrations/ photo, or an example for each on your poster. Can be digital or paper.

Create a Multiplication Brochure.

Create a multiplication and division poster.
Include a section that shows the connection between division and multiplication, including where there is a remainder.

Make sure that your poster is labelled correctly.

Create a Multiplication Brochure. ~ What is Expected.

Make sure your brochure is easy to understand and written in your own words. Can be digital or paper.
Make sure there is a definition, illustrations /photo, or an example for each in your poster.
In the multiplication and division section, list strategies that you use to solve these types of problems and give examples.
In the connection section explain the relationship between multiplication and division and why it is important.

Create a Factors Video.

Create a brochure explaining how to identify and describe factors and multiples of whole numbers. E.g. the 'factors' of 36 are 1, 2, 3, 4, 6, 9, 12, 18 and 36.

Explain how to find the 'highest common factor' (HCF) of two whole numbers.

Create a Factors Video.
~ What is expected.

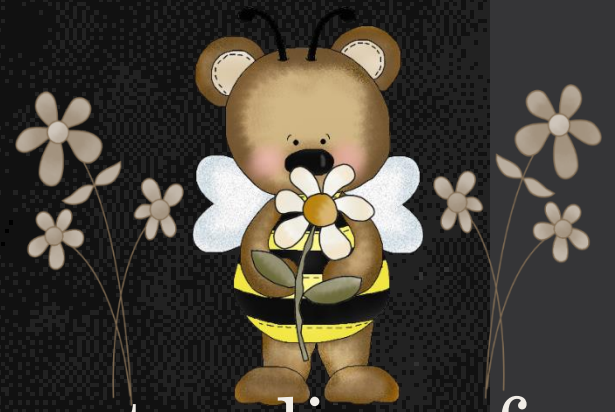
Make sure your video is easy to understand and is in your own words.
Make sure there is a definition, illustrations / photo, and an example for each in your video.
You may use props, posters, etc. to help you in your video. It must be at least 5 minutes long.

Create a Place Value Poster.

Show your understanding of place value and the role of zero to read and write numbers of any size.

Use base 10 blocks, numbers, words and expanded notation to represent numbers.

Create a Place Value Poster.
~ What is expected.



Create a poster that shows your understanding of place value, the role of zero, base 10 blocks, numbers, words and expanded notation to represent numbers.

Make sure you include a chart that represents numbers up to and including millions. There needs to be a 4, 5 and 6 digit number shown using Base 10, numbers, words and expanded notation.

Make sure it is easy to understand and is in your own words.

Create a Place Value Dictionary.

Create a Place Value Dictionary that shows your understanding of the following words.

Standard form expanded form, zero, ones, tens, hundreds, thousands, tens of thousands, hundreds of thousands, millions, digit, place value,
expanded notation, compare order, greater than, less than, estimate

Create a Place Value Dictionary. ~ What is expected.

Your Place Value Dictionary needs to include the following words :

standard form expanded form, zero, ones, tens, hundreds, thousands, tens of thousands, hundreds of thousands, millions, digit, place value, expanded notation, compare order, greater than, less than, estimate

Make sure you include a definition and example or illustration / photo. Each word will have its own page. Don't forget as it is a dictionary it needs to be in alphabetical order. Make sure it is easy to understand and is in your own words.

Create a Comic Strip About Graphs.

Create a comic strip that shows your understanding of how to read various graphs. There needs to be at least 4 different types of graphs.

Include the some of the following words :
data, survey, category, display, tabulate, table, column graph, vertical columns, horizontal bars, equal spacing, title, scale, vertical axis, horizontal axis, axes, line graph, dot plots, spreadsheet.

Create a Comic Strip About Graphs. ~ What is expected.

Your comic strip needs to show your understanding of how to read various graphs. There needs to be at least 4 different types of graphs.

Include the some of the following words :
data, survey, category, display, tabulate, table, column graph, vertical columns, horizontal bars, equal spacing, title, scale, vertical axis, horizontal axis, axes, line graph, dot plots, spreadsheet.

Make sure it is easy to understand and is in your own words.

Create a Graph Dictionary.

Create a Graph Dictionary that shows your understanding of the following words.

column graphs, line graph, pie charts, dot plots, two-way table, side-by-side column graph, picture graph, key, baseline. list, table, tally mark, survey, horizontal and vertical axes, numerical data

Create a Graph Dictionary. ~ What is expected.

Your Graph Dictionary needs to include the following words :

Column graphs, line graph, pie charts, dot plots, two-way table, side-by-side column graph, picture graph, key, baseline. list, table, tally mark, survey, horizontal and vertical axes, numerical data

Make sure you include a definition and example or illustration / photo. Each word will have its own page. Don't forget as it is a dictionary it needs to be in alphabetical order. Make sure it is easy to understand and is in your own words.

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