

Week 9 – Year 6

1

Miss J's Set:

I recently found this poem by an anonymous author regarding aspects of grammar. I know that you guys were absolutely superb at your grammar in the end and was wondering how much you have retained. Could you create your own poem? It doesn't just have to include the terms and grammatical vocab that has been included her – you could include any!

Every name is called a **noun**,
As **field** and **fountain**, **street** and **town**.
In place of noun the **pronoun** stands,
As **he** and **she** can clap their hands.
The **adjective** describes a thing,
As **magic** wand and **bridal** ring.
The **verb** means action, something done –
To **read**, to **write**, to **jump**, to **run**.
How things are done, the **adverbs** tell,
As **quickly**, **slowly**, **badly**, **well**.
The **preposition** shows relation,
As **in** the street, or **at** the station.
Conjunctions join, in many ways,
Sentences, words, **or** phrase **and** phrase.
The **interjection** cries out, 'Hark!
I need an exclamation mark!'
Through poetry, we learn how each
Of these makes up the **Parts of Speech**.

Miss P's Set:

How do you feel about making a rap/song about staying at home during this quarantine? It has been 2 months since you have been at home. Jot down some ideas and make a rough plan.

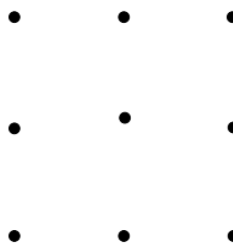
Miss J's Set:



Puzzle time

Four lines

Now this really does need some imaginative thinking - but it is possible!!



Can you join all nine dots with four straight lines, without taking your pencil off the paper? You can not go over any line twice.

Miss P's Set:

Milk Art



Materials

A bowl

½ cup of milk

Dish soap

Cotton swab

Food Coloring, more than one color

Pepper (optional)

Instructions:

1. Pour the milk into the bowl. Be careful not to move the bowl, you want the milk as still as possible.
2. Put one drop of each color in different places in the milk.
3. Put just a tiny amount of soap on the end of the cotton swab, then touch it to one of the

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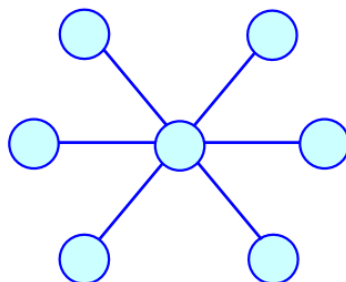
		I Tim has two packs of pop. Each pack holds 24 cans.  Sally has five smaller packs. Each of her packs holds 6 cans.  How many more cans of pop does Tim have?	colors. WOW! 4. Let the experimenting begin! 5. To clean up, just pour the milk down the drain. (Do not drink it)
2	Miss J's Set: Can you think of anything for your poem that you could include around: Tenses? Specific bits of punctuation? Subjunctive form? Miss P's set: Write a rough rap and practice rapping. What do you think? Make changes and continue the rap.	Miss J's Set:	Orange Fizz 

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Puzzle time

Seven up!



Put the numbers

1, 2, 3, 4, 5, 6 and 7

in the circles so that each straight line of three numbers adds up to the same total.

Miss P's Set:

Materials:

An Orange or Clementine

1/2 Teaspoon Baking Soda

Instructions:

Cut the orange into slices or peel separate into sections

Dip a slice or section into the baking soda

Take a bite! As you chew, it should start to bubble in your mouth

How does it work?

When acids and bases mix, you get some exciting chemistry! Oranges and other citrus fruits are filled with citric acid. It is a safe acid, and it's what gives oranges, lemons, and limes their sourness. Baking soda is a base, the opposite of an acid. It's also safe, but doesn't taste very good on it's own, and will give you a tummy ache if you eat a lot of it. As the citric acid and baking soda mix, it makes millions of carbon dioxide bubbles, the same gas you breathe out, and the same one that makes soda so fizzy.

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		2 Here is some money.  The money is shared between 5 girls and 2 boys. Each girl receives £3 How much money does each boy receive?	
3	Miss J's Set: Can you think of anything for your poem that you could include around: Homophones? Subject, verb and object? Apostrophes to avoid ambiguity (not quite sure how you wuld get this one in – see if you can?) Miss P's set: Continue the rap. You can add more if you want.	Miss J's Set:	Dry Erase  Materials:

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Puzzle time

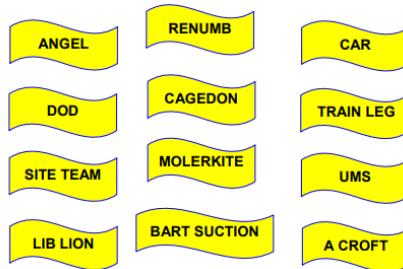
Anagrams

Mathematical anagrams.

An anagram is a word or phrase made up of the letters of another word.

These are all made up from maths words.

Can you work them out?



Miss P's set:

**I A can holds 330 ml of pop.
Pop is sold in packs of 6**



**Karl buys 12 packs of pop.
How many litres of pop does he
have?**

A glass plate, bowl, or picture frame

Dry erase marker

Water

Instructions:

Draw a simple picture on the glass. A stick figure is a good one to start with
Pour water onto the plate or into the bowl
slowly to lift up the drawing
Swirl the water around to make the picture
dance and move

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Miss J's Set:

Edit your poem – remember poems don't have to rhyme – though I must say if you've made it rhyme that's pretty darn impressive

Miss P's set: Write out your rap. Sing it and see if you need to add anything.

Miss J's Set:



Puzzle time



A square triangle ????????



This is a problem for our older puzzlers.

It may seem very peculiar to you but I've just drawn a triangle where all the angles are square.

No, I don't mean right angles or 90° - that's impossible!

What I do mean is that each angle, measured in degrees, is a square number.

Can you tell me how many degrees each of the angles is?

Help!



Clue: the total of the three angles in a triangle is 180° .

Can you remember what square numbers are?
Try 1×1 , 2×2 , etc



Miss P's Set:

Storm in a Glass



Materials

Shaving cream

A large glass

water

Food coloring

A spoon

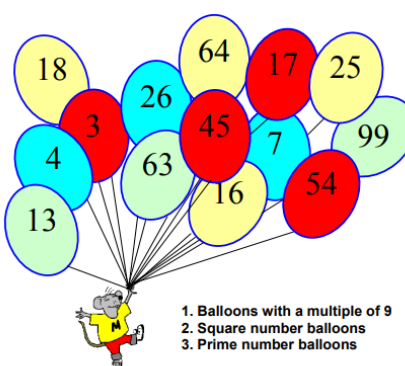
Instructions:

Fill the glass $\frac{1}{2}$ full with water

Spray some shaving cream on top of the water to fill the glass to $\frac{3}{4}$ full.

Use your finger or a spoon to spread the shaving cream evenly over the top of the

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		2 £290 is shared between 10 boys and 12 girls. Each girl receives £15 How much money does each boy receive, if they each get the same amount of money? 3 Here is a sequence 2, 5, 9, 12, 2, 5, 9, 12, 2, 5, 9, 12, ... What is the sum of the first 200 numbers in this sequence? Explain your method.	water. The top of the shaving cream should be flat. Mix ½-cup water with 10 drops of food coloring in a separate container. Gently add the colored water, spoonful by spoonful, to the top of the shaving cream. When it gets too heavy, watch it storm!
5	Miss J's Set: Please do send in your poem – I would love to see it and may even use it when I teach if I can =) Miss P' set: Why not publish the rap? Send it to us.	Miss J's Set: Puzzle time Balloon bursting If a number in one of the balloons is included in the answers to the four problems below then that balloon will fly away.  1. Balloons with a multiple of 9 2. Square number balloons 3. Prime number balloons WHICH BALLOON IS LEFT?	How to make a Volcano

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Miss P's Set:

1 The diameter of a 10p coin is 24.5 mm.
The diameter of a 5p coin is 18 mm.
Some coins are laid out end to end.



What is the distance marked b in the diagram?

2 Mrs Green bakes muffins.
She sells them in her shop.



- On Monday she bakes 200 and sells 70% of the them.
- On Tuesday she bakes twice as many muffins but has the same amount left.

What percentage of the muffins did she sell on Tuesday?





Materials:
10 ml of dish soap
100 ml of cold water
400 ml of white vinegar
Food coloring

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			Baking soda slurry (fill a cup about $\frac{1}{2}$ with baking soda, then fill the rest of the way with water) Empty 2 liter soda bottle Instructions: NOTE: This should be done outside due to the mess. Combine the vinegar, water, dish soap and 2 drops of food coloring into the empty soda bottle. Use a spoon to mix the baking soda slurry until it is all a liquid. Eruption time! ... Pour the baking soda slurry into the soda bottle quickly and step back!
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