C level 65 points Maximum

1. Think of 5 examples of when you use multiplication or division in your life. Write or draw about these examples. 10 pts.

2. Practice with 15 flashcards and learn them. 10 pts.

3. Design and put up a math bulletin board in our room. Show at least 5 concepts. Neatness will count for 10 pt. Creativity will count for 10 pts.

4. Do 5 Maths Activity cards from the ‘MacMillan packets’, at your level. Teach someone how to do 2 problems. 10 pts.

5. Make a ‘Funky Function Machine’ (See attached sheet.) 5 pts.

6. Watch a maths related video. Write down 5 things that you learned from the video and be able to explain them to your teacher. 10 pts.


8. Select an addition or subtraction method and complete a problem in as many different ways as possible, then display your
calculations on our ‘Friendly Faces Board’. (See attached sheet.) 10 pts.

9. Make a poster for the room that illustrates a fun maths concept. Be creative! 10 pts.

10. Listen and take notes from the teacher's mini-lessons. 5 pts/day 1 2 3 4 5 6 7 8

B level. Choose only one. 20 pts

1. Make a ‘Multiplication Square’ and run a ‘Pattern Detective talk’ with other students in our group! (See attached sheet.)

2. Write a song that explains a multiplication/division problem, or example. Write the song down or perform it for the class.

3. Use a ‘Job Guide’ to research 3 different jobs that would need to use maths. Write a paragraph on each job.

A level. Choose only one. 20 pts

1. Interview an adult about a type of technology and develop maths problems that deal with that technology. Examples include woodworking maths, wiring maths, auto shop maths, sewing maths, cooking maths, computing maths etc. Develop a
worksheet, with illustrations, that could be used by other children. Make math relevant to real life!

2. Find 3 current articles from magazines, newspapers or books that talk about how math helps people make the world a better place.

3. Play ‘Find your seat at the Cinema’. Try to remember how we covered and guessed the missing numbers! Stretch yourself if you dare and play ‘Beat the Clock’! (See attached sheet.)

4. Play ‘Guess My Number’, asking questions of your partner that will eliminate most numbers. ‘Is it odd or even?’. ‘Is it above or below 50?’. (See attached sheet.)

Grades: 86-100 A, 71-85 B, 55 - 70 C, 40 - 54 D

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parent signature 5 points extra credit

IMPORTANT! You will need to earn enough points during these 8 lessons to gain a decent grade! There are 3 layers (like the layers of an onion!) through which you must work. The layers of your learning ‘onion’ are called layers C, B & A. Each task, once completed, is worth a certain amount of points representing the approximate amount of time I think you need to do the task. Some are worth more points than others & need a lot more time spent of them. HOMEWORK is another factor to assist you with managing your own time. You need to earn points from each layer. You can gain a maximum of 65 points in Layer C, a maximum of 20 points in Layer B & a maximum number of 20 points in Layer A. You do not have to do every task, you may select which tasks you do in each layer.

STANDARD 3.8 (MATHS)
‘Use a variety of estimating & calculating strategies with whole numbers including memorising multiplication & division facts.'