

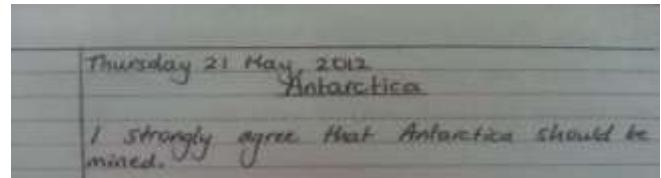


Year 5 Homework Term 4 ~ Week 3

*Print this sheet out and have a **Parent / Guardian sign** the last page to ensure the homework is completed. You have until Friday of each week to complete. If you can't print it out, have a Parent / Guardian **sign your diary**.

Please rule up your page as per St Cecilia's School Policy.

- Rule a margin in **RED PEN**.
- Use the **FULL DATE**.
- Include a Subheading for all your set tasks and underline in **RED PEN**.



SPELLING WORDS: Please complete each question in your Homework book.

Week 3 Term 4 – Spelling Words. The words to learn are listed below and are organised into **one** group. They are examples of the '**er**' sound. You will notice that some words have morphographs attached that you should be familiar with. Please attempt to learn the words from the group that you are most comfortable with.

Group 1	Group 2	Group 3
ferns	govern	
herb	federal	
every	liberty	
everyone	interact	
everywhere	insertion	
everything	artery	
average	personnel	
serve	perfume	
reserve	gerberas	
service	commercial	

Task 1: Write out your spelling words **every** night. **Look, Say, Cover, Write, Check** every night. Ensure you write each word neatly and accurately.

Task 2: Learn the **meanings** of the words in the list above (**especially liberty, artery and gerberas**). Look them up in a **Dictionary**.

Task 3: Add **five words** that **contain** the same '**er**' Sound.

NUMERACY ACTIVITIES: Solve these problems.

VOLUME

1. Write the formula for calculating the Volume of a Rectangular Prism.
2. Jenna paints small wooden boxes and places her gemstones in them. The table below shows the dimensions of each box. **Find the volume for each box.**

Box Colour	Length(cm)	Width(cm)	Height(cm)	Volume(cm ³)
Red	9	6	2	
Blue	2	4	7	
Green	3	5	5	
Yellow	8	4	3	
Orange	4	6	7	
Brown	2	5	8	

3. A rectangular prism of **volume 3200 mm³** has a rectangular base of **length 10 mm** and **width 8 mm**. **Find the height (h) of the prism. Show working.**
4. I made a fort for my pet snake by connecting two boxes. The first box is 10 metres long, 7 metres wide, and 5 metres high. The second box is 4 metres long, 10 metres wide, and 8 metres high. How many cubic metres of space does my snake have to play in his fort?
5. Write the measurements of four different rectangular prisms that have a volume of 72m³.
6. A rectangular prism has Length = 5m, Width = 4m and Height = 2m.
 - (a) Calculate the Volume of the Rectangular Prism.
 - (b) What happens to the Volume if you **double** only the Length?
 - (c) What happens to the Volume if you **double** the **Length** and the **Width**?
 - (d) What happens to the Volume if you **double all of the dimensions**?

Parent / Guardian Signature: _____ **Date:** _____