

# The Glapton Academy

## Year 5 Newsletter

### Summer Term 2 – 2024

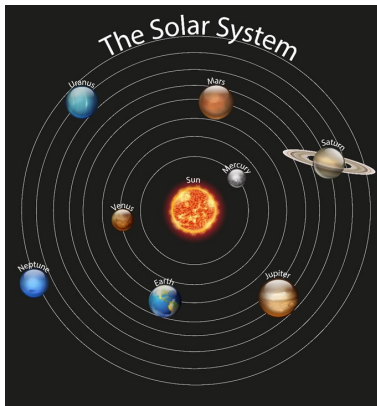


#### Out of This World!

Have you ever wondered what is in space? What is in our Solar System and what are the names of the planets? Do the planets move around? If so, why do they do this? Why do we have day and night and does the Sun move across the sky or is something else happening?

Well, this half term we will be answering all of these questions through experiments, models and role play. We will get creative and make accurate model representations of the solar system.

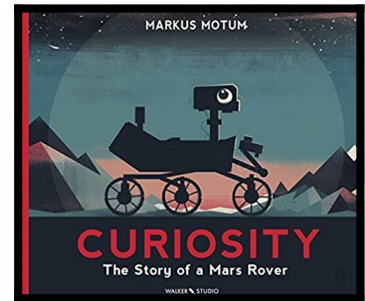
If you would like to conduct some research beforehand, then please do. Use our homework mat for some inspiration.



#### Book recommendation

**Curiosity: The Story of a Mars Rover**  
**Markus Motum**

Discover the incredible story of the search for life on Mars, told from the unique perspective of Curiosity, the Mars Rover sent to explore the red planet. Markus Motum's stylish illustrations and diagrams reveal how a robot travelled 350,000,000 miles to explore a planet where no human has ever been.

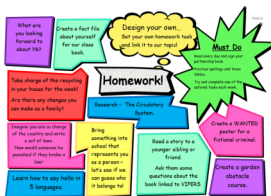


#### Homework

All children will be given homework every **Friday**. This must be completed by the following **Wednesday**.

Homework given will always be a reconsolidation of learning that has taken place in school.

In addition to this, a homework menu will be provided each half term. These tasks will cover a range of skills. Children can choose as many additional tasks as they like to fit in with their busy schedules at home.



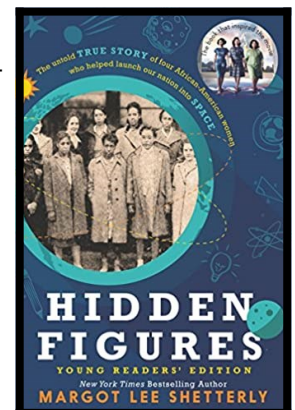
#### English

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Our class novel for this half term is *Hidden Figures* by Margot Lee Shetterly. It is the story about four African-American female mathematicians at NASA, who helped achieve some of the greatest moments in our space program, whilst also living through the Civil Rights era, the Space Race, the Cold War and the movement for gender equality.

As we read this novel, we will be discussing important issues that the women faced during this time.

We will be writing a biography about one of the women from 'Hidden Figures', a persuasive advert and some free verse poetry about space.



## Maths

In the upcoming half term, our maths curriculum will focus on enhancing our understanding of decimals and negative numbers. We will learn how to add, subtract, multiply, and divide decimals by 10, 100, and 1000, providing a strong foundation in decimal manipulation. Additionally, we will explore the concept of negative numbers, developing skills to work confidently with values below zero. We will add and subtract negative numbers and look at different applications of the negative number.

Another key topic will be converting units of measurement, which will help us understand and apply different measurement systems in various contexts. These topics are designed to build critical math skills and prepare students for more advanced concepts in the future.

We will finish the half-term by recapping the four operations with worded problems to prepare ourselves for the following year. We will study SATs style questions to ensure we are ready for the next steps in Year 6.



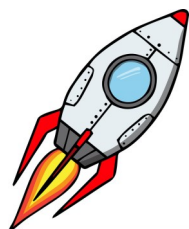
## Maths Vocabulary

Multiplication  
Division  
Place value  
Decimal point  
Decimal places  
Addition  
Subtraction  
Columns

Negative  
Zero  
Millimetres  
Centimetres  
Kilometre  
Millilitres  
Litres  
Kilograms  
micrograms

## Partnership Books

We will be continuing our reading reward system which was launched earlier this year. Each class will become '**Reading Rocketeers**' aiming to get to 'space' (200 reads) by the end of the academic year. Children are encouraged to read at home every day and to make a note in their partnership book every time they read outside of school. After every 20 reads, they will get one step closer to space and will be rewarded with a token which they can 'spend' on prizes and, of course, books!



## Spellings

All children will be given spelling words to learn each **Friday**.

These should be practised at home as often as possible and different words with the same spelling pattern will be tested in school the following **Friday**.

## PE

Our PE days will be on a **Wednesday for Hazel** and **Monday for Cherry** this half term, however your child's PE kit must be in school every day as this can change. Please ensure your child has the correct PE kit clearly labelled with their name.

We will also be doing the Daily Mile every week.

### **PE kit consists of:**

Plain white t-shirt  
Black shorts (inside)  
Plain black joggers (outside)  
Trainers (outside)

## Dates for your diary

Sports Day KS2 am—19th June

Y5 Space Centre Trip—26th June

Scholastic Book Fair—26th June—2nd July

Enterprise Day—28th June

Whole school transition days—2nd/3rd July

Parent Drop In—5th July

Summer Family Picnic—10th July

Reports being sent home—19th July

We are looking forward to working with you and your child.

Mr Phillips and Mr Holland