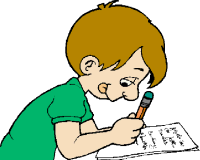
[](http://www.google.co.uk/imgres?imgurl=http://fc.yesnet.yk.ca/~shari.heal/S00B6EF58.0/mathematiques_clr.jpg&imgrefurl=http://fc.yesnet.yk.ca/~shari.heal/?OpenItemURL=S00B6EF58&usg=__bNGSOr1jI20OHldwzag_IiLSfq4=&h=630&w=600&sz=47&hl=en&start=13&sig2=EqCQqDywCYt2Z9tByCR-7w&itbs=1&tbnid=qNLgP_CQcCHJXM:&tbnh=137&tbnw=130&prev=/images?q=maths&hl=en&gbv=2&tbs=isch:1,itp:clipart&ei=ZfgLTPHtEI7EOJ3g8NsP)[](http://www.google.co.uk/imgres?imgurl=http://www.randolph.k12.nc.us/Departments/K-5/PublishingImages/school_clipart_boy_writting.gif&imgrefurl=http://www.randolph.k12.nc.us/Departments/K-5/Writing/Pages/Default.aspx&usg=__gyvSBKhQPsxJth8TT4G3oUPsEBI=&h=160&w=200&sz=7&hl=en&start=7&sig2=MYxvOV1-m21SDZDFf4qzew&itbs=1&tbnid=BPyBq6W8sOuRAM:&tbnh=83&tbnw=104&prev=/images?q=writing&hl=en&gbv=2&tbs=isch:1,itp:clipart&ei=hvgLTLbgGJCFONDVnc8P)

**Creative Curriculum:**

**DT:**

\*Children will explore and used mechanisms such as flaps, sliders and levers and experience basic cutting, joining and finishing techniques with paper and card.

\*They will select and use appropriate tools with some accuracy to cut, shape and join paper and card.

\*Children will understand and use lever and linkage mechanisms and distinguish between fixed and loose pivots.

**Science** – Magnets and Forces. Children will:

\*Investigate/compare how objects move on different surfaces

\* explain that some forces (e.g. push and pull) need direct contact between two objects

\*explain that magnetic forces do not require direct contact

\*able to explain that magnets have two poles

\*able to investigate how the properties of magnets make them useful in everyday items and suggest creative uses for magnets

**History:**

\*Children will know what pre-history is

\*Know when and what the Stone Age, Bronze Age and Iron Age was

\*Understand how everyday life changed from the Stone Age to the Iron Age

**Geography:**

\*Children will know what a settlement is and who built our settlements

\*How land use varies in different settlements

\*How agricultural land use changed

\*How a place changes over time

\*Local settlements

**Maths:**

**Multiplication and division**

\*Multiply by and divide multiples of 10 and 100 \*Multiply and divide by 0 and 1

\*Find solutions to multiplication and division word problem

\*Learn how to multiply a number using the written method

\*Find the remainder when a number is divided \*Children will continue to learn times-tables from 1 to 12.

**Addition and subtraction:**

\*Using column method, children will learn how to add and subtract two 4- digit numbers, sometimes these will involve exchanging.

\* Estimate answers to addition and subtraction

\* Use these strategies to check answers are accurate.

**Measure – perimeter:**

\*Children will convert between kilometers and meters

\*Using previous skills of addition and subtraction children will find perimeters of different shapes and work out missing lengths.

\*Solve problems involving perimeter

**English:**

**Reading –** Children will read daily as part of our ‘VIPERS’ reading lessons with a focus on fluency. They will answer a variety of questions to develop their comprehension skills.

**Writing -** In writing lessons we will be learning how to write a non-chronological report As part of this we will:

\*Learn the features of a non-chronological report.

\*Read a range of non-fiction texts.

\*Learn how to group relevant information into paragraphs.

We will also be learning how to write an adventure story. As part of this we will:

\*Learn the features of an adventure story

\*Read a range of adventure story extracts

\*Learn how to write complex sentences

**Computing:**

\* E-Safety- personal information.

\* This unit will enable the children to: understand different measurement techniques for weather, both analogue and digital use computer-based data logging to automate the recording of some weather data use spreadsheets to create charts, analyse data, explore inconsistencies in data and make predictions. We will practise using presentation software and video.

**PSHE and R.E**

**PHSE**: ‘Me and my school’ children will be discussing what they are good at, what this year at school might entail and thinking about rules and why we have them.

**R.E:**

**Children will explore the meaning of religious stories, recognise and name features of the Jewish Synagogue** and e**xplain why and how Jewish communities celebrate the festival of Hanukkah.**

British Values- Individual Liberty, Respect and Tolerance

**For any further information please do not hesitate to contact us:**

Tel: 01827 213 855

Email: [office@twogates.staffs.sch.uk](mailto:office@twogates.staffs.sch.uk)

Follow us on Twitter! @Twogatesprimary

**Physical Development:**

**PE DAYS – Wednesday and Friday**

Please make sure that your child wears full PE kit to school **On Wednesday and Friday**.  **Wednesday is indoor PE and Friday is outdoor PE.**

Please wear navy or black leggings or jogging bottoms (with shorts underneath for indoor PE) with a plain white, navy or black t-shirt, and a navy or black sweatshirt. Please wear trainers and socks which will be removed for indoor PE. Strictly no football kits.

**For safety reasons NO earrings can be worn during PE lessons. If your child wears earrings they will need to be able to remove them independently before the lesson. If they cannot remove them, we ask that they do not wear earrings on PE days so that they can participate fully in the lesson.**

**Other information:**

**SPELLINGS**: **Set on Thursday, tested the following Thursday.** Your child will bring home a weekly spelling list **on paper** linked to the year group spelling scheme of work.

**MATHS HOMEWORK** will be set on Maths.co.uk on a **Monday** and will need to be completed using your child’s log in.

Children will also need to practice all of their times tables on times tables rockstars: <https://ttrockstars.com/>

**Reading:** 1 book sent per week, on a Monday. **Please have books in school on MONDAY as this is the only day they can be changed.**  Please remember to read the book for 10 mins a day and complete the reading journey map. Please write any comments/concerns in your child’s reading record. Note – books may initially be repeated from last year, please do not be concerned by this.

**Curriculum and Learning Map**

**Year 4 Autumn 2**

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