

Home Learning, Westwood Academy.

Week commencing: 4th January 2020. **YEAR 5 DAILY ZOOM to discuss the work will be at 10:00 am**

	Literacy : comprehension and poetry	Numeracy Walt: consolidate and use multiplication methods	TOPIC
Monday	<p>Read a book for 15 minutes. PURPLE MASH If you do not have your Purple mash log in email me year5@westwoodacademy.org and I can give it to you. Complete the spelling quiz Spring week 1 knuckle ceiling receipt inefficient proficient sought drought admiration considerable perceive</p>	<p>TT Rock stars 10 minutes daily. PURPLE MASH square and cube numbers Revise what square and cube numbers are using the purple mash activity. When you multiply a number by itself, the result is a square number: $7 \times 7 = 49$ Multiply a number by itself and then by itself again, the result is a cube number. $27 = 3 \times 3 \times 3$</p>	<p>Purple mash Topic Choose a task to complete from the 2Dos list.</p>
Tuesday	<p>Read a story book for 15 minutes. Spellings: practise words from the list : knuckle ceiling receipt inefficient proficient sought drought admiration considerable perceive (use a dictionary to make sure you know what all of the words mean)</p> <p>Reading and Writing Task: <u>Walt: identify features of a persuasive leaflet</u> Read through the advertisement attached about The Ballistic Bouncing Boogie ball and colour code the features. Do you think it is a good persuasive advertisement? Why or why not? Answer the comprehension questions about the Ballistic Bouncing Boogie ball. Write your answers in complete sentences. Get someone to check your work. (sheets attached)</p>	<p>TT Rock stars 10 minutes daily. <u>Walt multiply 3 numbers together</u> Remember when we multiply more than two numbers we can multiply in any order. Think which multiplication is easiest to solve first by using your times tables knowledge. It is sometimes easier to multiply the larger numbers first $3 \times 8 \times 4 =$ $4 \times 8 \times 3$ $4 \times 8 = 32$ $32 \times 3 = 96$</p> <p>Use the site https://www.bbc.co.uk/bitesize/articles/zr9xqfr</p> <p>Watch the video and complete the quiz. ACTIVITY: Choose one of the activity sheets to complete from the Classroom Secrets homework extension sheets * Developing ** expected ***greater depth</p> <p>Optional extension: https://uk.ixl.com/math/year-4/multiply-three-or-more-numbers-word-problems</p>	<p>REMEMBER to be E-safe when using the internet Our new Science topic is Materials and their properties. Watch the videos https://www.schoolsofkingedwardvi.co.uk/ks2-science-year-5-3c-materials-grouping-materials/ https://www.bbc.co.uk/bitesize/topics/z4339j6/articles/zx8hhv4</p> <p>Science: create a poster to show the meanings of these science words SOLUBLE, INSOLUBLE, SOLUTION TRANSPARENT, OPAQUE, MAGNETIC, THERMAL INSULATOR, THERMAL CONDUCTOR, ELECTRIC CONDUCTOR extra info; https://www.bbc.co.uk/bitesize/clips/zx7w2hv</p> <p>Daily mile : go for a walk, jog or a bike ride with somebody in your family</p>
Wednesday	<p>Read a story book for 15 minutes. Practise spellings for ten minutes Reading and Writing Task: <u>WALT: create a persuasive poster</u> Read through the Ballistic Bouncing Boogie Ball text again and use the information to help you to create a</p>	<p>TT Rock stars 10 minutes daily. Walt: Multiply mentally https://app.mymaths.co.uk/1774-lesson/mental-multiplication selectNumber multiplication and division Mental multiplying year 5</p>	<p>Science: watch the slides and read the info about materials and their properties using https://www.schoolsofkingedwardvi.co.uk/ks2-science-year-5-3c-materials-grouping-materials/</p> <p>WALT: identify properties of materials and their uses . Complete the materials and their properties sheet 1 and 2</p>

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	<p>colourful poster to advertise the Boogie ball. Use the success criteria to help you include all of the features.</p> <table border="1"> <tr> <td>Steps to success</td> </tr> <tr> <td>I have included a catchy slogan or catch phrase, using alliteration, similes, metaphors or rhyming.</td> </tr> <tr> <td>I have included a hook or a promise. E.g. You won't be able to live without...</td> </tr> <tr> <td>I have used superlatives/ exaggeration. E.g. good=best.</td> </tr> <tr> <td>I have used eye catching memorable pictures.</td> </tr> <tr> <td>I have used a special offer to entice buyers.</td> </tr> <tr> <td>I have used a rhetorical question. E.g. Wouldn't you love to...?</td> </tr> <tr> <td>I have used bossy/ imperative verbs and strong adverbs.</td> </tr> <tr> <td>I have used positive adjectives and feelings, ignoring the negatives.</td> </tr> <tr> <td>I have given important product information.</td> </tr> <tr> <td>I have used bullet points, subheadings, labels and words that stand out.</td> </tr> </table>	Steps to success	I have included a catchy slogan or catch phrase, using alliteration, similes, metaphors or rhyming.	I have included a hook or a promise. E.g. You won't be able to live without...	I have used superlatives/ exaggeration. E.g. good=best.	I have used eye catching memorable pictures.	I have used a special offer to entice buyers.	I have used a rhetorical question. E.g. Wouldn't you love to...?	I have used bossy/ imperative verbs and strong adverbs.	I have used positive adjectives and feelings, ignoring the negatives.	I have given important product information.	I have used bullet points, subheadings, labels and words that stand out.	<p>Work through the My Maths teaching slides on y5 mental multiplication using the link above and then print and complete or complete online the practice homework task. https://app.mymaths.co.uk/1774-homework/mental-multiplication</p> <p>My maths log in= westps password= dominoes Unfortunately we do not have individual logins for the children for My maths . However if they select the online homework task as a Practice they can still complete the activity. if this is too tricky try this instead: https://app.mymaths.co.uk/1717-lesson/more-multiplying year 4 more multiplying lesson and then https://app.mymaths.co.uk/1717-homework/more-multiplying</p>	<p>(attached below)</p> <p>Daily mile : go for a walk, jog or a bike ride with somebody in your family</p>
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<p>Thursday</p>	<p>Read a story book for 15 minutes. Get someone to test you on the spelling words from Monday. How many did you get correct? Reading Find the most effective description on a page in your book and tell somebody why it is powerful.</p> <p>Writing Task: Walt: write a persuasive leaflet Watch https://www.bbc.co.uk/bitesize/clips/zqxjimp3 Plan ideas for a persuasive leaflet to advertise an item of your choice or may be a new invention/ product e.g. your favourite chocolate bar or a new pair of trainers. Use the success criteria to help you to use all of the features needed. Use the planning sheet below or plan ideas on paper.</p>	<p>TT Rock stars 10 minutes daily. Walt: recap multiplying 4 digits by one digit Watch the teaching video to remind you of the method. https://whiterosemaths.com/homelearning/year-5/</p> <p>Watch the multiply 4 digits by one digit video and then answer the questions on the sheet attached.</p> <p>If this is too tricky complete the 3 digits by 1 digit sheet instead.</p> <p>Extra: use this site if you want to do harder questions:</p>	<ol style="list-style-type: none"> 1. PE: Choose one of the fitness activities PE: e.g. Super hero yoga with Lucy or Hiit workout with Lucy etc. https://www.deanessportscentre.com/ssp 2. Topic : Who were the Vikings and where did they come from? Read the info and watch the video https://www.bbc.co.uk/bitesize/topics/ztyr9i6/articles/zjcxwty#:~:text=The%20Vikings <p>Choose the * , ** or *** (attached below) map and complete it to show where the Vikings came from. *** +As an additional task on paper create a fact file about who the Vikings were and how and why they came to England.</p> <p>This site also has lots of great information on the Vikings for you to research. http://www.primaryhomeworkhelp.co.uk/vikings.html</p>											

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		<p>https://uk.ixl.com/math/year-5/multiply-a-one-digit-number-by-a-larger-number</p> <p>or throw a dice 5 or 6 times to generate numbers and then multiply this by a one digit number</p> <p>e.g.</p> <p>598643</p> <p>x 7</p> <p>_____</p> <p>There are also a couple of Reasoning questions to have a go at at the bottom of this document as a little extra.</p>	
Friday	<p>Read a story book for 15 minutes</p> <p>Reading and Writing Task: Use your plan from yesterday to create a persuasive leaflet or poster to advertise your product.</p> <p>Can you edit and improve (purple polish) your work?</p> <p>Can you get someone to give it a star and a wish? Have you persuaded them to buy your product?</p>	<p>TT Rock stars 10 minutes daily.</p> <p>Walt: Recall multiplication skills quickly</p> <p>Learn the 6 x tables</p> <p>https://www.bbc.co.uk/bitesize/articles/zwf43j6</p> <p>Work through the activities and complete the quizzes.</p> <p>Extra: Use purple mash and complete the 2 do times table games.</p>	<p>Daily mile : go for a walk or a bike ride</p> <p>Take a picture of your work and share it with me on the year 5 e-mail. Year5@westwoodacademy.org</p> <p>I look forward to seeing some of your best pieces of work.</p>

Explanatory notes/messages to class here:

Happy New Year Class 5S. I hope you are all well and had a relaxing Christmas. We will have a **Zoom meeting at 10:00 am each day** and during this I will explain the learning for the day and answer any questions. Zoom details:

Join Zoom Meeting

<https://zoom.us/j/93361715040?pwd=c2FEUUtUUFFLNnhqdDlhcUM4VTdLQT09>

Meeting ID: 933 6171 5040

Passcode: year5

If you have any problems with any of the work during the day you can also contact me on the year 5 email Year5@westwoodacademy.org

In Maths this week we will be consolidating our work on multiplication and in Literacy we will be learning about persuasive adverts and creating our own advert. Our new topic is The Vikings so if you want to do some extra research on the topic please do. Hope you all have a good week and don't forget to join the Zoom meeting each day. As there will be lots of us taking part in these Zoom sessions make sure you mute yourself so that you can hear what I am saying.

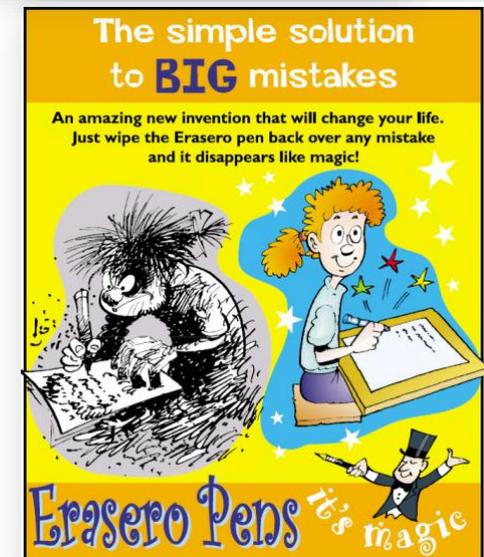
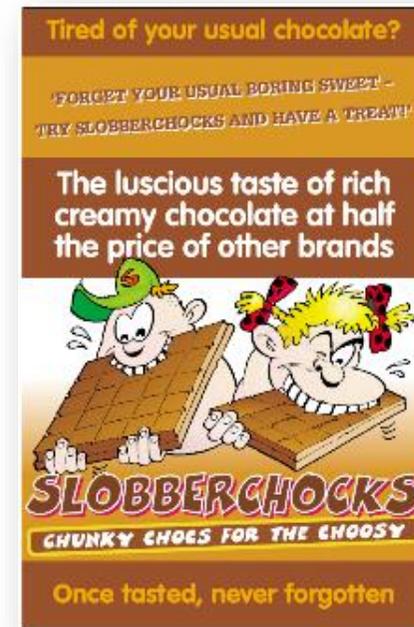
Keep safe,

Mrs Smith x

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Success criteria: Weds, Thursday Literacy lesson.

Steps to success	Peer assessment
Use a catchy slogan or catch phrase, using alliteration, similes, metaphors or rhyming.	
Include a hook or a promise. E.g. You won't be able to live without...	
I have used superlatives/ exaggeration. E.g. good=best.	
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Thursday maths reasoning extension tasks



Alex calculated $1,432 \times 4$
Here is her answer.

	Th	H	T	O
	1	4	3	2
\times				4
	4	16	12	8

$$1,432 \times 4 = 416,128$$

Can you explain what Alex has done wrong?

Can you work out the missing numbers using the clues?

$$\begin{array}{r} \square \square \square \square \\ \times \quad \quad \quad 5 \\ \hline \square \square \square \square \square \end{array}$$

- The 4 digits being multiplied by 5 are consecutive numbers.
- The first 2 digits of the product are the same.
- The fourth and fifth digits of the answer add to make the third.

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* Thursday Maths lesson

WALT: multiply using written method.

Success criteria

Set out in columns

Multiply the ones

Multiply the tens

Multiply the hundreds

Multiply the thousands

Check answer, does it look sensible?

$$\begin{array}{r} 261 \\ \times \quad 6 \\ \hline 1566 \end{array}$$

Regroup if needed

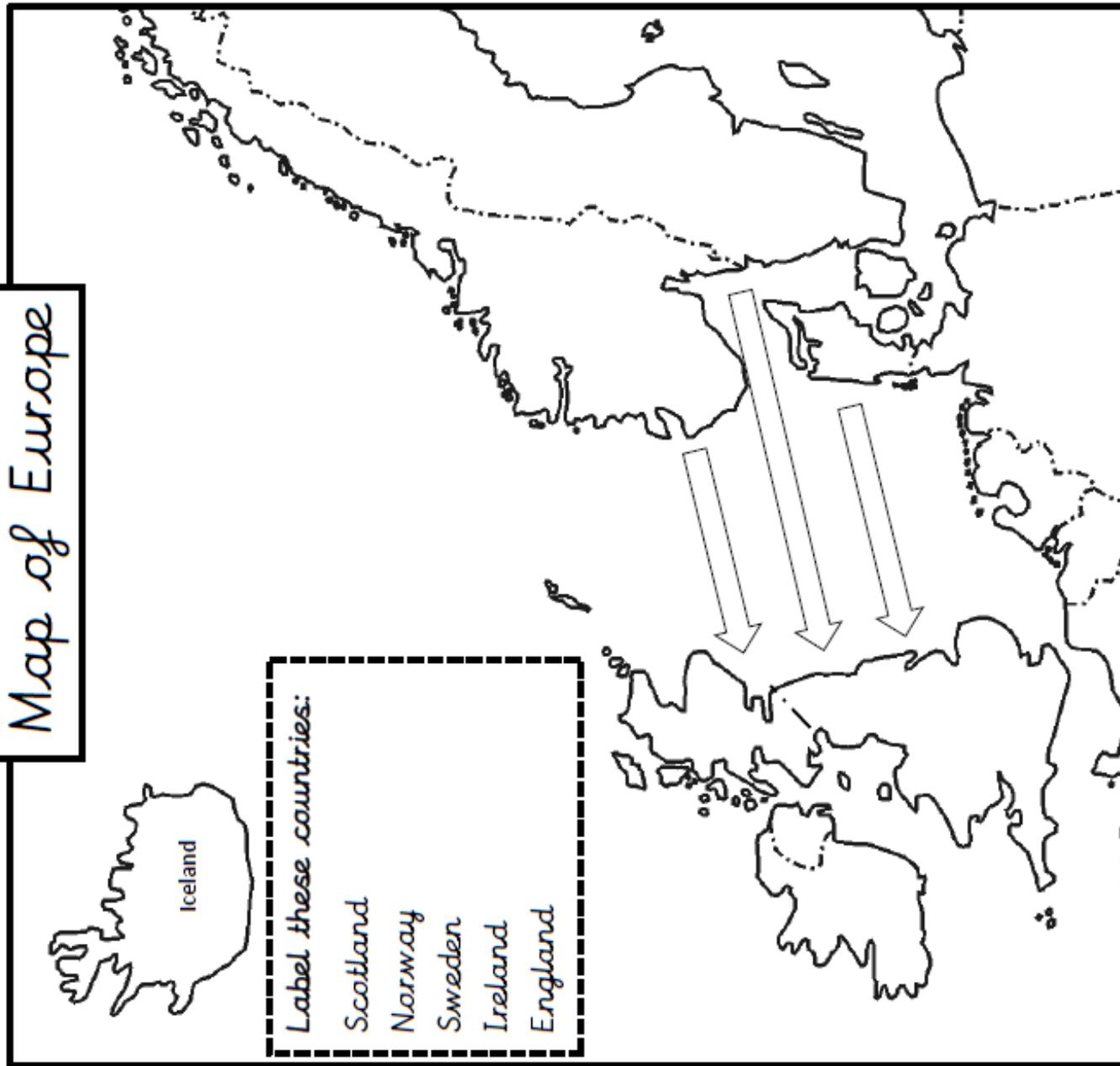
Below is a blank map of Europe. Your task today is to label each of the countries shown on the map.

Map of Europe



Label these countries:

Scotland
Norway
Sweden
Ireland
England



Extension

- Which countries did the Vikings come from? Colour them in **RED**.
- Shade in the non-Viking European Celtic nations in **GREEN**.
- Shade the British Saxons in **PURPLE**.

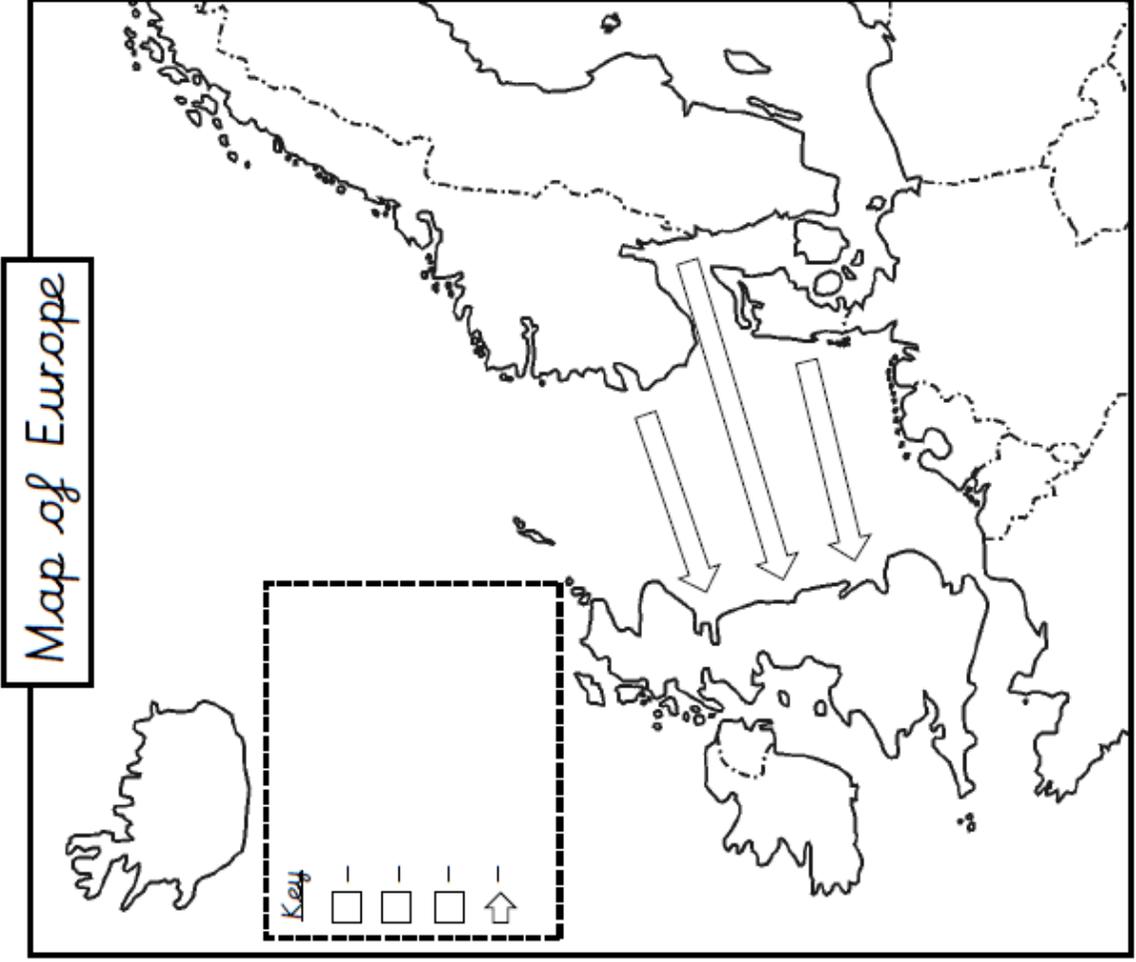
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** Thursday Viking lesson

L.I. To be able to use an atlas to locate and label a map.

Below is a blank map of Europe. Your task today is to label each of the countries shown on the map.

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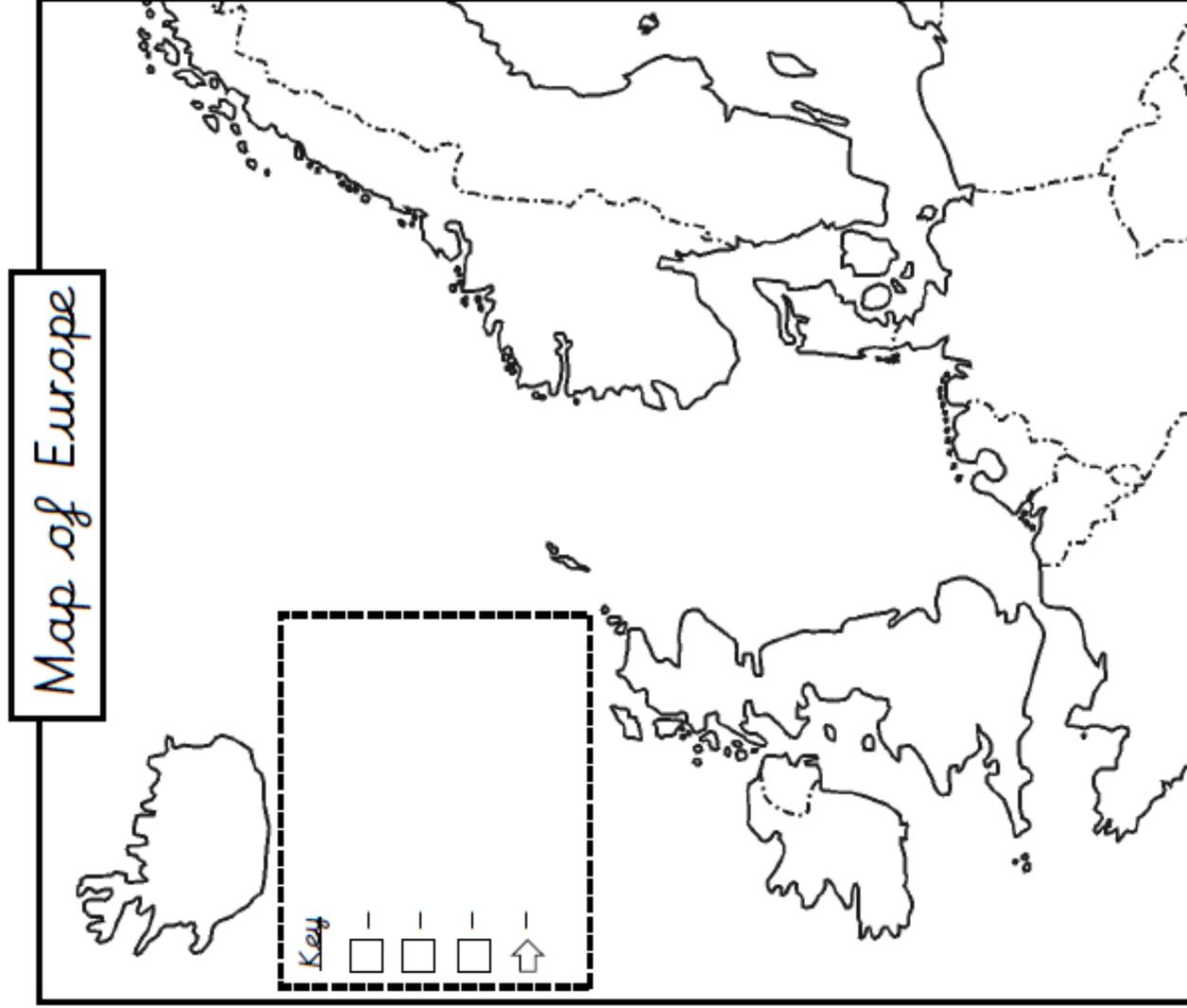


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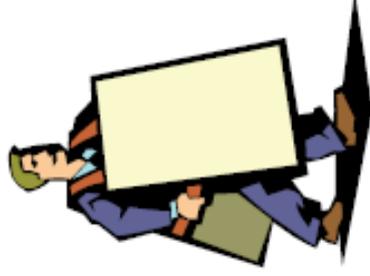
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*** Thursday Viking lesson

What we have learnt about good advertisements

- adverts often have offers e.g. discounts and competitions
- adverts aim to convince you that you need the product
- adverts may have a celebrity endorsement
- adverts sometimes have catch phrases
- adverts contain positive words
- adverts often contain promises
- adverts have **BOSSY VERBS**
- adverts use rhetorical questions
- adverts use eye catching pictures
- adverts give product information
- adverts tell us where to buy the product



Advertisement plan

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Useful Materials and their Properties

PoS - give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, woods and plastics
NaG - pupils should build a more systematic understanding of materials

Materials mean the stuff that things are **m**_____ from. We still call things materials whether they are **n**_____ or manufactured. Some examples of natural materials are **m**_____, **w**_____ and clay. **R**_____ comes from a **p**_____, although it doesn't feel like something natural. Some examples of manufactured materials are **n**_____ and **p**_____. Remember that materials can be **c**_____ to give a new material. We should all make an effort to **r**_____ and re-use the world's natural materials.

nylon	rubber	made	natural	metal	plant
recycle	combined	wood	plastic		

Name the materials used to make the following everyday items (some items may be made from more than one material).

These words will help you:

rubber	metal	wood	plastic	glass	cotton	leather
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Assessment

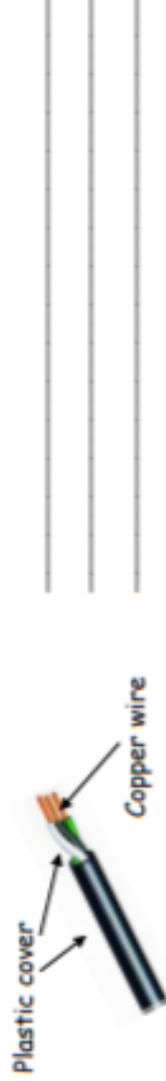
Y5 Material Properties

1) When making the following items, the materials they are made from must be carefully selected. Name **two** of the material properties that are important for each item and the materials they are made from if they are to do their job properly. The words below will help you. You may also use your own material property words. (4 marks)

hard soft transparent impermeable opaque permeable
magnetic rough rigid translucent smooth flexible warm

Rubber hot water bottle 	Copper kettle 	Net curtains 	Wooden bowl 	Leather jacket 
Fridge magnets 	Drinking glass 	Bath towel 	Steel keys 	Plastic umbrella 

2) Wires are usually made from two materials, copper and plastic. Explain why? (1 mark)



3) Which of the following materials will dissolve in water? (1 mark)

Tick **TWO** boxes.

<input type="checkbox"/> butter	<input type="checkbox"/> sugar	<input type="checkbox"/> granite
<input type="checkbox"/> salt	<input type="checkbox"/> oil	<input type="checkbox"/> sand