

Home Learning, Westwood Academy.

Week commencing: 15th December 2020. YEAR 5 Last week of term

| | Literacy : comprehension and poetry | Numeracy Walt: consolidate area and perimeter | TOPIC |
|-----------|---|--|---|
| Monday | | | Purple mash |
| Tuesday | <p>Read a book for 15 minutes. Spellings: practise 10 words from the list below of all the words we have been learning this term.</p> <p>Walt: improve reading comprehension skills Read through the article about the record breaking lightning bolt.</p> <ol style="list-style-type: none"> Choose either the */** age 7-9 article or the *** age 9-11 article (attached) Answer the questions on the sheet or write the answers on a piece of paper if you do not have a printer. <p>Ask an adult to check your answers.</p> | <p>TT Rock stars 10 minutes daily. https://www.bbc.co.uk/bitesize/articles/zfhkd6f Use the BBC home learning resource</p> <p>Walt: calculate perimeter Use the page to recap what perimeter is and complete Activities (sheet attached)</p> <p><i>If you do not have a printer, you could write answers on paper or work through My maths lesson and homework task instead.</i> <i>westps dominoes</i> https://app.mymaths.co.uk/265-lesson/perimeter</p> <p>https://app.mymaths.co.uk/265-homework/perimeter</p> <p>success criteria: perimeter= L+L+W+ W</p> | <p>Science: Walt investigate water resistance</p> <p>Watch the video and complete the quiz about water resistance https://www.bbc.co.uk/bitesize/topics/zsxxsbk/articles/zxw6gdm Air and water resistance</p> <p>Friction occurs when objects move through water or air. Air resistance is a type of friction between air and another material. For example, when an aeroplane flies through the air, air particles hit the aeroplane making it more difficult for it to move through the air. It's the same for an object moving through water. If you go swimming, there is friction between your skin and the water particles. This is known as water resistance.</p> <p>Activity: Look at the experiment on sheet 4C. If you are able to you could have a go at carrying out the experiment (ask an adult to help you). If not use the results on sheet 4C and answer the questions about water resistance on sheet 4D (or on paper if you do not have a printer)</p> |
| Wednesday | <p>Read a book for 15 minutes. Spellings: practise 10 words from the list below of all the words we have been learning this term.</p> <p>WALT: plan ideas for a Christmas haiku poem Watch the video clip https://www.bbc.co.uk/teach/class-clips-video/english-ks1-ks2-understanding-poetry/zfvkt39 A Haiku must have 3 lines and must follow the pattern of having a certain amount of syllables on each line e.g. Snowman in a field, Listening to the raindrops Wishing him farewell</p> <p>A haiku is rather like a simple snapshot that attempts to paint a picture of a moment in time by describing an image.</p> <ul style="list-style-type: none"> Line 1= 5 syllables Line 2 = 7 syllables Line 3= 5 syllables <p>Use the planning sheet attached to help you plan and write your Haiku about Christmas.</p> | <p>TT Rock stars 10 minutes daily.</p> <p>Walt: calculate area and perimeter of compound shapes</p> <p>https://www.bbc.co.uk/bitesize/articles/zh9brj6</p> <p>https://www.bbc.co.uk/teach/class-clips-video/maths-ks2-as-the-crow-flies-perimeter-and-area-of-compound-shapes/znn76v4</p> <p>Watch the teaching videos and then complete the area and perimeter assessment sheet (sheet attached)</p> <p>success criteria: area of a rectangle = length x width</p> | <p>Christmas Art: Walt: create a Christmas card or a Christmas picture</p> <p>Activity: if you have a piece pf card have a go at creating a Christmas card. Use this site to inspire and help you. https://www.easypeasyandfun.com/reindeer-christmas-card/</p>  |

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| | | <p>If you do not have a printer work through My maths lesson and homework task instead. Or write your answers on paper.</p> <p>https://app.mymaths.co.uk/266-lesson/area-of-rectangles activity : measurement / area of rectangles</p> <p>and then</p> <p>https://app.mymaths.co.uk/266-homework/area-of-rectangles choose the practise activity</p> | <p>Or create a Christmas picture inspired by Picasso</p>  <ul style="list-style-type: none"> • draw double lines with a ruler across page • draw an isosceles triangle in the centre • shade in neatly with Christmas inspired colours • add some glitter if you have some |
| <p>Thursday</p> | <p>Read a book for 15 minutes. Spellings: practise 10 words from the list below of all the words we have been learning this term.</p> <p>Writing Task: WALT: edit and improve your poem. Read through your poem from yesterday. Purple polish it and improve some your vocabulary choices. Top copy your poem onto the Christmas paper below or use your own paper and decorate the poem with Christmas pictures.</p> <ol style="list-style-type: none"> 1. Spelling test = ask an adult to test you on 20 of the spellings from this half term. | <p>TT Rock stars 10 minutes daily.</p> <p>This would have been my last morning with you so I have scheduled a Zoom meeting for us to have a quick catch up and so that we can wish everyone a happy Christmas. Have a Christmas or General knowledge quiz question ready so that we can have a mini class quiz. Details will be sent out Tuesday. Zoom meeting id: Password:</p> | <ol style="list-style-type: none"> 1. PE: Choose one of the fitness activities PE: Super hero yoga with Lucy or Hiit workout with Lucy etc. https://www.deanessportscentre.com/ssp 2. Choose 2 of the 2 Dos to complete on Purple mash. |
| <p>Friday</p> | <p>At school this would have been our Christmas movie morning so choose a Christmas movie, sit back, relax and enjoy.</p> | <p>Take a picture of your work and share it with me on the year 5 e-mail. Year5@westwoodacademy.org I look forward to seeing some of your best pieces of work. Have a lovely Christmas xxx</p> | |

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Explanatory notes/messages to class here:

Good afternoon Class 5S. It is a shame that we are missing the last week of term but it is more important that we all stay safe and well! If you have any problems with any of the work you can contact me on the year 5 email Year5@westwoodacademy.org

I have scheduled a Zoom chat for Thursday at 11:20am. **Have a Christmas or general knowledge quiz question ready so that we can have a mini class quiz. Zoom details will be sent out Tuesday.**

Next term our new topic is The Vikings so if you want to do a little bit of research on the topic please do. Hope you all have an enjoyable Christmas holiday, stay safe and have fun.

Mrs Smith x



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| | |
|--|-------------|
| 1. Spellings to revise from this term: | |
| horrible | incredible |
| terrible | sensible |
| possible | reliable |
| edible | respectable |
| reversible | agreeable |
| invincible | enviable |
| legible | inaccurate |
| competition | incomplete |
| explanation | incapable |
| collision | illegal |
| extension | illuminate |
| profession | illusion |
| adorable | action |
| forgivable | condition |
| disposable | competition |
| enjoyable | addition |
| valuable | explosion |
| breakable | television |
| identifiable | decision |
| optician | discussion |
| dietician | possession |
| magician | confession |

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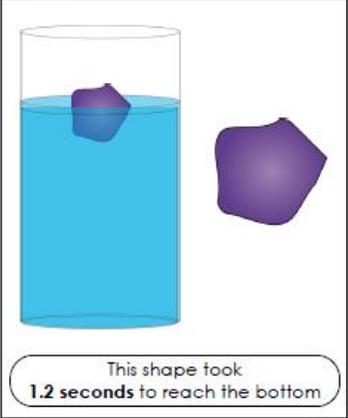
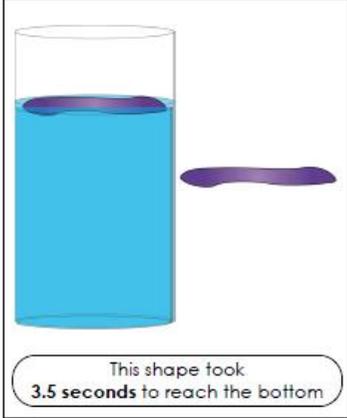
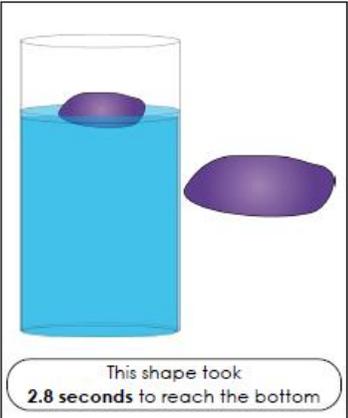
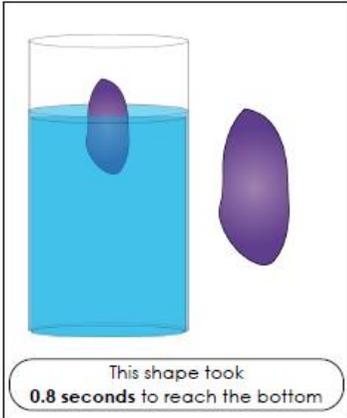
Science sheet 4c

Forces In Action **Results Sheet**

Name: _____ Date: _____



I did an experiment to find out how long it took different shapes of plasticine to fall to the bottom of a cylinder of water. Here are my results:

| | |
|---|---|
|  <p>This shape took 1.2 seconds to reach the bottom</p> |  <p>This shape took 3.5 seconds to reach the bottom</p> |
|  <p>This shape took 2.8 seconds to reach the bottom</p> |  <p>This shape took 0.8 seconds to reach the bottom</p> |

If you have blue tac or plasticine you could try and replicate this experiment.
If not use these results to answer the questions on sheet 4D below to explain what you have learnt about water resistance.

Vocabulary to help you complete sheet 4d:

round thin flat thick

more / less water resistance greater/ less
surface area

faster quicker smooth stream lined

Name: _____

Date: _____



Can you help me organise my results by ordering the pieces of plasticine from the shortest time to fall and the longest time to fall? Draw the shape of each one in the right order and then answer the questions.

| | | |
|-------------|-------------|-------------|
| Fastest | → | Slowest |
| 1. | 2. | 3. |
| Time taken: | Time taken: | Time taken: |
| 4. | | |
| Time taken: | | Time taken: |

What was the time difference between how long it took samples 1 and 4 to reach the bottom of the cylinder?

Do you notice any patterns in these results?

What does this tell you about water resistance?

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