

Nettlestone Primary School Homework Grid

Class: Switzerland

Autumn Term 2

The homework grid allows you to *choose* which homework you will do each week and hand in to your teacher. Please submit your work via Seesaw every Wednesday. There are various tasks shown below and we ask that you do 6 as a minimum, and for those who like a challenge you can complete 8 tasks!

Our class reader is *The Lion, Witch and the Wardrobe* by C.S Lewis and *Lizzie Dripping* by Helen Cresswell. If you have either book, you might like to read along.

Key Skills

Daily or weekly practice.



Reading, Spelling, Grammar and Punctuation key skills

Please ensure that you hear your child **read** each day, even if it is a book from home for those who are 'Free Readers' and encourage your child to bring their book into school each day.

Online games and practice tests on spelling and grammar for Year 3 and 4.

<https://spellingframe.co.uk/>

Numeracy key skills

Practice and learn your multiplication tables. You will need to know all the timetables up to 12x12 by the end of Year 4.

Pick a times table. You will need a laptop or tablet.

<https://www.topmarks.co.uk/maths-games/hit-the-button>

Play a multiplication game. There are other free multiplication games to play on [mathsframe](https://mathsframe.co.uk/en/resources/resource/544/Stone-Age-Stu-Times-Tables).

<https://mathsframe.co.uk/en/resources/resource/544/Stone-Age-Stu-Times-Tables>

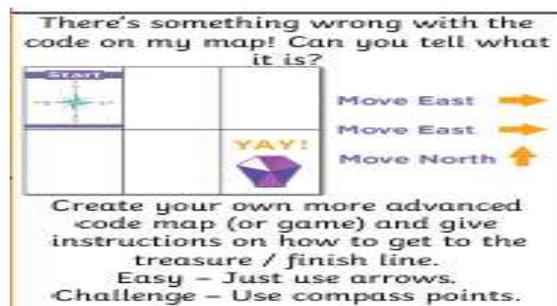
Or learn a multiplication table actively: <https://www.bbc.co.uk/teach/supermovers/times-table-collection/z4vv6v4/>



Research

Research electricity. What is electricity? Who discovered it? How was it discovered? Make a poster showing some interesting facts that you have found out.

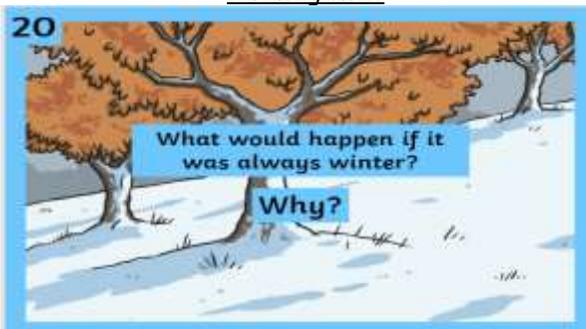
Geography



Get creative

Create your own winter wonderland setting. What could be in your wonderland? E.g -snow, forest, a gingerbread house, a cave, mountains, frozen pond. You decide! Use your winter wonderland setting for your Writing Learning.

Thinking skills



Design Technology and Science.

Have a go at making invisible ink!

Your mission is to write a brief message.

You will need: a lemon, water, a bowl, a paintbrush, a spoon, a torch or lamp and a piece of paper. Squeeze lemon juice into the bowl and add a few drops of water. Stir with a spoon. Dip the paintbrush into the juice mixture and write a message on the paper. Allow the paper to dry completely. Your message should be invisible. Hold the paper very close to the light source to heat up the message.

Science

Your science topic this half term is Electricity. Record all the different ways you have used electricity today e.g. switched on lights, played on a tablet. Now decide if this was essential e.g. cooking food or non-essential e.g. watching television. How many times did you use electricity that was essential? How many times did you use electricity that was non-essential?



(adult supervision required) Watch your message appear.

Maths

Your mission:

1. Ivan, Rachel, Beth and Jade are checking the answer to the calculation below.

$$643 + 235 = 878$$



To check the answer, I can subtract 643 from 878.

Ivan



To check the answer, I can add 235 to 643.

Rachel



To check the answer, I can subtract 230 from 878. Then I can subtract 5.

Beth



To check the answer, I can add 235 to 878.

Jade

Explore who has used the most efficient method. Explain why.

Fancy a challenge! Try the Top secret mission:

2. Work out each child's starting number based on their statements below.



I started with 2,419 less than Mia's starting number.

Timothy



My starting number is between 3,700 and 3,750 more than Jacob's.

Mia



My starting number is the difference between Mia's and Jacob's.

Lucy



I added a number between 1,300 and 1,350 to my starting number to find 4,532.

Jacob

Writing

Using your winter wonderland setting. Write a story about yourself magically entering the land. You turn around but you cannot get back home. Describe what you hear, see, feel. Describe where you go in search of a way home or someone to help you find a way home. Whom do you meet on the way? Are they a friend or not? How do you get back home in the end?

Get Active.

Your 5-minute workout.

Star Jumps.

1. Start with your feet close together.
2. Jump and land with your feet wide apart.
3. Stretch your arms out above your head.
4. Jump your feet in and your arms down.



Climb the rope!

1. Pretend to climb a rope!
2. Reach your hands above your head one at a time and pull the rope down.
3. Lift your knees high and climb on the spot.

