



Week Commencing Monday 15<sup>th</sup> June Year 5 and 6

**PE**  
 Use the link below to access daily exercise sessions  
<https://durhamcls-ssp.co.uk/>  
**There is also a Durham Dash home learning challenge available.**  
 Can you try this challenge at home from the Youth Sport Trust?

**How to play:**

- Once you complete a physical activity tick it off.
- Can you complete the activities in the blue squares in less than 60 seconds?
- If you are finding some of the activities hard, change them or have a rest and then continue.
- When performing the activities make sure that you are **honest**.

**Achieve Gold**  
 Complete all the activities on the card

**Achieve Silver**  
 Complete a horizontal or vertical line of activities

**Achieve Bronze**  
 Complete one activity from each line

**PSHE**  
 Check the school Facebook page for this week's **Rights Respecting School PowerPoint** to discuss at home.

**Something different**  
 You could apply for a Blue Peter badge- let me know if you are successful!  
<https://www.bbc.co.uk/cbbc/joinin/about-blue-peter-badges>

**Mindfulness**  
 Lie on your back outside and close your eyes so you can use all of your senses except for sight.  
 Notice the feel of the air, the feel of the ground, the sounds that surround you and any smells that are present.



**DT**  
 During this half term I would like children to design, make and evaluate a waterproof container which can be used to protect precious items during a natural disaster.  
 Please take photographs of your planning and building processes to share on our school Facebook page.

**Something different**  
**Engineering and science challenges from Dyson**

**BALLOON KEBABS**  
 SCIENCE CHALLENGE 04  
 Designed by Phil, Design engineer of Dyson

**The brief**  
 Push a wooden skewer through a balloon without popping it, creating a "balloon kebab".

**Materials**  
 A balloon inflated until ¾ full  
 A wooden skewer  
 Cooking oil

**The method**

1. Dip the skewer in the cooking oil.
2. Push the skewer into the balloon until it pierces the skin.
3. If the balloon bursts, try again – look for the places where the rubber is least stretched.

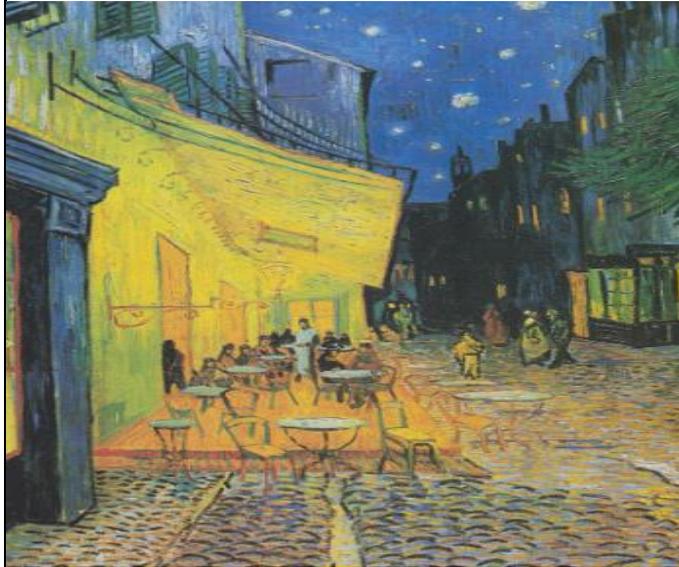
**How does it work?**  
 Most of the balloon is stretched evenly, but there are two points where the rubber is least stretched. The tied section and the darker patch at the opposite side of the balloon have the lowest surface tension. Most of the balloon is under high tension, so attempting to push the skewer through just makes the balloon pop. At the low tension sections it is possible to make a small hole without breaking the overall surface of the balloon.

**Music**  
 Listen to the song **Believer by Imagine Dragons**  
<https://www.youtube.com/watch?v=9MJAgOVDg00>  
 Discuss the questions;  
 -What is this song about?  
 -What can you hear?  
 -How does the music make you feel?  
**Why do you think this?**



**Art**

This half term we will be looking at the work of Vincent Van Gogh.



Café Terrace at Night was made in 1888 by Vincent van Gogh.

**Key questions to consider:**

-What do you like/dislike about this? -What does the artwork show?

**Can you use resources at home to create a replica of this picture?**

**Science**

This half term our topic is **Earth and Space**. This week I would like children to think about the phases of the Moon.

**Key Learning**

- Can children name the different phases of the moon?
- Are children able to order the phases of the moon?
- Can children describe how the phases of the moon are created?

**TASK**

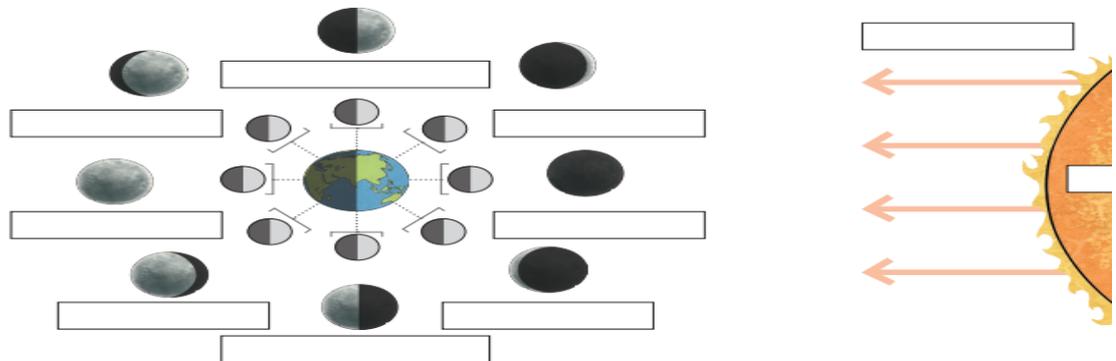
Use the links below to find out about the phases of the moon.

<https://www.natgeokids.com/uk/discover/science/space/the-phases-of-the-moon/>

<https://www.youtube.com/watch?v=f4ZHdzl6ZWg>

Afterwards, discuss where these labels should go.

**Phases of the Moon**



Sun	Waning Gibbous	Waxing Half Moon
New Moon	Waxing Crescent	Full Moon
Waning Crescent	Sunlight	
Waxing Gibbous	Waning Half Moon	



### **Remember**

- Our history learning project is still on the school website.
- Our new geography topic Earthquakes has also been added to the website.
- You have key words to practise reading and spelling
- You have a list of online learning sites you can use. As well as <https://classroomsecrets.co.uk/free-home-learning-packs/> (this website is updated every week)
- Children were given their own login to use Education City

### **READING AT HOME**

This website is offering free e-books so that you can enjoy reading a range of fiction and non-fiction texts at home.

<https://www.oxfordowl.co.uk/for-home/find-a-book/library-page/>