

Transition Activities

- We are really keen to support you in preparing to join Wootton Upper School. We would love you to complete some or all of the tasks on the following slides!
- We look forward to making displays of your best work around the school, prior to you starting with us.

WE ARE ALL MADE OF MOLECULES

● A NOVEL BY SUSIN NIELSEN ●

Transition Tasks

When you join Wootton Upper School, all of Year 9 will read this book together.

We would also like to see examples of your best work – we want your teachers to know how excellent your written work is.

Listen to the reading of Chapter 1 of We Are All Made of Molecules before attempting one of the tasks on the next slide. Make sure you draft your work, and check it and then produce the final piece with your very best handwriting.



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Transition Tasks

Listen to the reading of Chapter 1 of We Are All Made of Molecules before attempting one of these written tasks.

1. Write a letter to Stewart where you give him advice on how to settle successfully into his new home and new life.
2. Write a short story entitled "My New Home"
3. Write the script for a discussion between Stewart and Dr. Elizabeth Moscovich. You should try to imagine the types of questions a therapist would ask and how Stewart would respond.

**WE
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• A NOVEL BY SUSIN NIELSEN •



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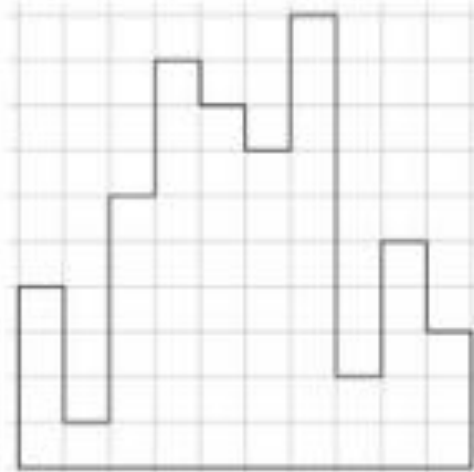
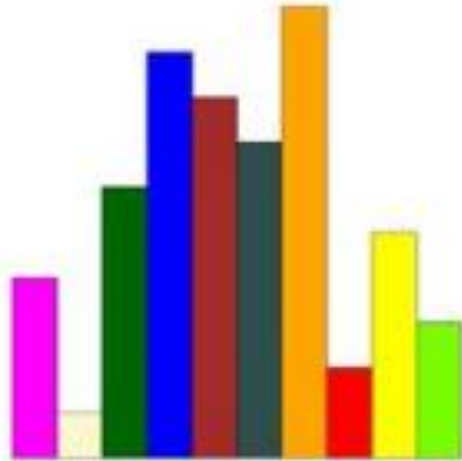


English Activity

<https://youtu.be/Ewx5BZmRh8A>

Maths Activity – Skyscrapers Investigation

Skylines



Use one of each colour rod to create your own skyline.
Draw around its outline using 1 cm square paper.
Calculate the area and the perimeter of your skyline.

Maths Activity

Task

- Start with 5 rods of length 1-5.
- Can you find the area and the perimeter of your skyline?
- Will your area always be the same?
- Will your perimeter always be the same?
- If not, what are the largest and smallest area/perimeters you can make and why can you get different answers for the area or perimeter?

Maths Activity

Extensions

- What if you were to increase/decrease the number of rods.

Easy

- Explore the patterns you have found with your skylines for a different number of rods.
- Can you find the max/min perimeter of larger skylines using any patterns you saw in the first example?

Medium

- Can you find any patterns for the area for 1, 2, 4, 5 and 6 rods?
- Can you come up with any general rules that would allow us to find the area for any given number of rods?

Maths Activity

Extensions

Hard

- Is there any pattern to how you can get the largest/smallest perimeter of the 5 rod example?
- Does this pattern continue if you were to look at skylines using a different number of rods (less than or more than 5).
- Can you find any general patterns to the max/min perimeter for a given number of rods

Open Ended

- What if you could change the rules of the skyline?
- What if all the rods had to all be even, or odd, in length? Or multiples of 3? Or Prime?
- Can you find any patterns for your new set up, and generalise for any sized skyline under your new rules?

Science Activity

Produce a piece of work about:

A scientist (current or historical) What they did and why it was important

OR

What is the most interesting or important discovery or invention? Why?

OR

About a fascinating living thing. Why did you pick it?

PE Activity – pick one

1. Produce a 'sports profile' on yourself:

- What sport(s) do you do/play
- Who do you play for/what competitions are you involved in
- What sports are you looking forward to at Wootton?
- Think about including pictures/achievements and so on.

2. Poster on the benefits of taking part in PE and Extra Curricular sport ie Physical, Social and Psychological.

3. Top 3 sports jobs you could see yourself doing and why.



The study of geography is about more than just memorizing places on a map. It's about understanding the complexity of our world, appreciating the diversity of cultures that exists across continents. And in the end, it's about using all that knowledge to help bridge divides and bring people together.

— Barack Obama —

AZ QUOTES

Geography Activity



"Geography explains the past, illuminates the present and prepares us for the future. What could be more important than that?"

Michael Palin 2007

Geography is all around us, all day every day, but what can you do to raise awareness of some of the geographical issues that surround us and threaten humanity, and help people to understand how to take action to protect our planet?

Use your creative skills to **design a poster** or **write a poem** to raise awareness of one of the following issues:

- Plastic pollution
- Loss of biodiversity
- Climate change
- How people can live more sustainably

Your **poster** should contain both images and information, raising awareness of the problem and exploring possible solutions. It can have a local or global focus. You can create this using any resources available to you – be creative.

If you choose a **poem**, think about the style, layout, way it is displayed. It can have a local or global focus. This can also be created using any resources available to you – be creative.

Please ensure this is your own piece of work although you can gain inspiration from elsewhere.

History Activity

Pick one period in history.

What were the events and people involved?

Produce a piece of work about this period and explain how the people, the country or the world has changed.

Present your work clearly to show your understanding.

Religious Studies Activity

Pick one of the following 3 activities:

'What makes an action right or wrong?' Give examples to support your answer?

Think of an idea to help promote equality and present it. Consider the British Values in your work.

Carry out an act of kindness.

What was your act of kindness? How did it help others? Link in any religious or ethical values that your act of kindness demonstrates.

French and/or Spanish Activity

Your challenge:

To plan a holiday for a family of four to a French or Spanish speaking country.

Your holiday could include:

- Where the holiday will take place
- Accommodation
- Transport to the location
- Activities
- Food and drink places
- Useful phrase book

Options Activities – pick at least one



Food

- What is your favourite recipe and why?
- Consider including the recipe, pictures, information about where the recipe or food is from, why you like the recipe.
- Present it in any way you like on paper to demonstrate your knowledge and enthusiasm for food!



Textiles

- Create a mood board on the theme 'Pop Art'



Options Activities – pick at least one

ART - Fantastic Beasts

- Mythical creatures have fascinated us for thousands of years, but why are we still captivated by these mythological beasts, even in this modern age of science and technology?
- Do some research into mythical beasts. Choose a beast that particularly captivates you and:
- Recreate the beast in any art media; 2D or 3D.
- Include an information sheet about your chosen beast

- You may wish to watch this documentary on BBC iPlayer:

<https://www.bbc.co.uk/iplayer/episode/m001503x/fantastic-beasts-a-natural-history>



Options Activities – pick at least one



Design Technology

Design a Lamp inspired by Art Deco – complete some research and then create a design for a table lamp or floor lamp.

Graphics

Design a poster advertising Coca Cola. Their campaign ‘Live on the coke side of life’ was really successful. Include in your Poster all the things that make life great for you!

