

Year 5 SPRING 2 2020

The Tol 4 is 'SYSTEMS AND STRUCTURES' and our CENTRAL INVESTIGATION is:

.....**SYSTEMS AND STRUCTURES EXIST IN ALL ORGANISMS AND CIVILISATIONS**.....

We will investigate:

1. What systems and structures are there in different communities across History? (form)
2. How have civilisations changed over time (change)?
3. Which systems and structures are they part of (reflection)?
4. Which systems and structure exist in organisms and how are they connected (connection)?

The <i>AtL</i>'s we will show during this investigation are:	We will develop the following SKILLS:	The ACTION we might take is:	We will develop the following PUPIL PROFILE characteristic:
<ul style="list-style-type: none"> • Tolerance • Respect • Cooperation • Resilience 	<p>Research Formulating questions, interpreting data, presenting findings.</p> <p>Self-Management Organisation, Time management, Informed choices, Work ethic</p> <p>Communication Viewing, Presenting, Non-verbal communication, Digital understanding</p>	•	<ul style="list-style-type: none"> • COLLABORATION

	<p>Social</p> <p>Group decision making, adopting a variety of group roles, respecting others, resolving conflict, leadership</p> <p>Critical Thinking</p> <p>Knowledge acquisition, Comprehension, Application, Analysis, Synthesis, Evaluation, Didactical thought, Metacognition</p>		
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As <i>Mathematicians</i> part of our Tol will....	As we are learning about <i>Literature, Reading, Writing and Spelling</i> in our Tol we will...	As <i>Scientists</i> part of our Tol will investigate....	As <i>Historians and Geographers</i> part of our Tol will...
Consider mathematical systems and structures that exist.	<p><u>Thining outside of the Box:</u></p> <p>An Environment: Design living things that could exist in specific environment.</p> <p>Museum of Mozteks: produce details, diagrams and description of the displays that will be found in the Museum of the Mozteks.</p>	<p>Which systems and structure exist in organisms and how are they connected (connection)?</p> <p>Explore the differences in the life cycles of mammals, amphibians, insects and birds.</p> <p>Describe the life process of reproduction in animals and plants.</p>	<p>What systems and structures are there in different communities across History? (form)</p> <p>How have civilisations changed over time (change)?</p>
As we are developing <i>Artists and Designers</i> our Tol will explore....	To become <i>Computer Scientists</i> our Tol will help us investigate how...	As <i>Performers</i> our Tol will help us investigate....	To demonstrate how we impact our environment in <i>PE</i> we will learn...
Research famous architects and their structures. Design their own structure for a future civilisation that could make a change towards a UN sustainability goal.	How to design sustainable cities using 3D Design software. Pupils will research, plan, create and present a 3D model of their sustainable city design	<p>Collaborate together to work on and perform the Year 5/6 Play ‘Pantastic’.</p> <p>Continue to learn the songs and movements for the play.</p> <p>Learning how to express our own characters in the play.</p>	<p>Pupils should continue to apply and develop a broader range of skills, learning how to use them in different ways and to link them to make actions and sequences of movement. They need to show communication, collaboration and compete with each other. They should develop an understanding of how to improve in different physical activities and sports and learn how to evaluate and recognise their own success.</p> <p>What different scoring systems can we use in different sports? What scoring systems do the boys already know? Why do we have them in place? What happened when we take all the scoring systems out of games.</p>

We will take **Action** from our Tol by:

1. Making a choice
2. Acting on our choice
3. Reflecting on our choice
4. Presenting our choice to an audience

Our actions will impact, in some way, on the Eco-Schools 17 SDG's

In **PSHEE** we investigate and discover...

Consider which systems and structures they are part of (reflection)?

Research and learn about the reproductive system and other objectives from the SRE programme.