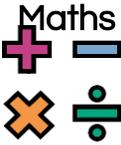


Year 6 – Spring 2

<p>Science</p> 	<p>Create a model or investigation that shows how the heart pumps blood around the body. You could:</p> <ul style="list-style-type: none"> • Carry out an investigation into heart rate (e.g. resting vs after exercise) • Create a labelled diagram or explanation showing how blood moves through the heart and body 		
<p>Technology</p> 	<p>Create a digital information product that explains how life in Tudor times was different from today because of technology (or lack of it). Create either:</p> <ul style="list-style-type: none"> • A one-page digital poster • A short slideshow (4–6 slides) 		
<p>Engineering</p> 	<p>Design and build a model or prototype of an electric vehicle. Rules</p> <ul style="list-style-type: none"> • Use recycled or everyday materials • Your vehicle must have wheels • Include a way it would be powered (battery, solar, charging point) 		
<p>Arts</p> 	<p>Create a short creative piece that teaches someone about life in Tudor times. Create either:</p> <ul style="list-style-type: none"> • A short drama or monologue (e.g. from the point of view of a Tudor child, Henry VIII, or a servant) • A piece of art with written explanation • A poem or song about Tudor life <p>Must include:</p> <ul style="list-style-type: none"> • At least 3 accurate facts about the Tudors • Clear links to daily life, power, or religion 		
<p>Maths</p> 	<p>Use maths to investigate fairness in different situations and explain your reasoning clearly. You will complete all three sections:</p>		
	<p>A class of 30 children needs to share:</p> <ul style="list-style-type: none"> - 18 laptops - 24 library books - £45 for a charity project <ul style="list-style-type: none"> • Use fractions, ratios or division to explain 	<p>Look at these situations:</p> <ul style="list-style-type: none"> - One group gets 40 minutes of playtime, another gets 25 minutes - One child speaks for $\frac{1}{3}$ of a discussion, the rest share the time <ul style="list-style-type: none"> • Decide if this is fair and explain why 	<p>Create your own fairness problem involving:</p> <ul style="list-style-type: none"> • Percentages, fractions or decimals

Children in Year 6 can bring any STEAM Challenge work they complete into school or submit it on Seesaw.