



Year 4 Key Skills: 'Is a bridge better than a tunnel?'

<p>Geography</p> <ul style="list-style-type: none"> • Can they find the same place on a globe and in an atlas? • Can they find different views about an environmental issue? What is their view? • Can they name some the counties? • Can they name some of the main towns and cities in England? 	<p>History</p> <ul style="list-style-type: none"> • Can they plot recent history on a timeline using centuries? • Can they begin to build up a picture of what main events happened in Britain/ the world during different centuries? 	
<p>Computing Algorithms and Programs</p> <ul style="list-style-type: none"> • Can they use repeat instructions to draw regular shapes on screen, using commands? • Can they experiment with variables to control models? • Can they make turns specifying the degrees? • Can they give an on-screen robot specific directional instructions that takes them from x to y? • Can they make accurate predictions about the outcome of a program they have written? • 	<p>Design and Technology Stiff and flexible sheet materials</p> <ul style="list-style-type: none"> • Can they measure carefully so as to make sure they have not made mistakes? • How have they attempted to make their product strong? <p>Electrical and mechanical components</p> <ul style="list-style-type: none"> • Can they add things to their circuits? • How have they altered their product after checking it? • Are they confident about trying out new and different ideas? 	<p>Art and Design</p> <ul style="list-style-type: none"> • Can they present a collection of their work on a slide show? • Can they create a piece of art work which includes the integration of digital images they have taken? • Can they combine graphics and text based on their research? • Do they experiment with and combine materials and processes to design and make 3D form?
<p>Science</p> <ul style="list-style-type: none"> • Can they compare and group materials together, according to whether they are solids, liquids or gases? • Can they explain what happens to materials when they are heated or cooled? • Can they measure or research the temperature at which different materials change state in degrees Celsius? • Can they use measurements to explain changes to the state of water? • Can they identify the part that evaporation and condensation has in the water cycle? • Can they associate the rate of evaporation with temperature? • Can they set up a simple fair test to make comparisons? • Can they make accurate measurements using standard units? • Can they find patterns in their evidence or measurements? 	<p>PE Gymnastics</p> <ul style="list-style-type: none"> • Can they work in a controlled way? • Can they include change of speed? • Can they include change of direction? • Can they include range of shapes? • Can they follow a set of 'rules' to produce a sequence? • Can they work with a partner to create, repeat and improve a sequence with at least three phases? <p>Health and Fitness</p> <ul style="list-style-type: none"> • Can they explain why warming up is important? • Can they explain why keeping fit is good for their health? 	<p>Music</p> <ul style="list-style-type: none"> • Can they play clear notes on instruments? • Can they perform 'by ear' and from simple notations? • Can they explain why they think their music is successful or unsuccessful?