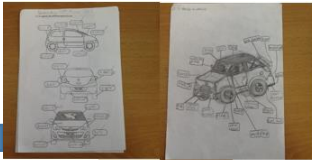


We are a Right Respecting School and this statement supports the following articles from the UN Convention on the Rights of a Child
 Article 3 (best interests of the child)
 The best interests of the child must be a top priority in all actions concerning children.
 Article 12 (respect for the views of the child)
 Every child has the right to say what they think in all matters affecting them, and to have their views taken seriously.
 Article 13 (freedom of expression)
 Every child must be free to say what they think and to seek and receive information of any kind as long as it is within the law.

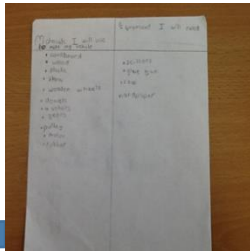
Year 5, Spring Term Mechanical Systems



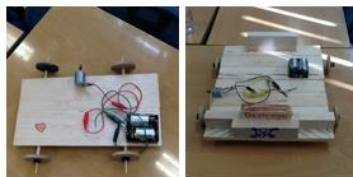
Year 5 investigated, analysed and evaluated existing everyday products and toys that incorporate gear systems.



We used construction kits to help us to investigate and understand how gears work.



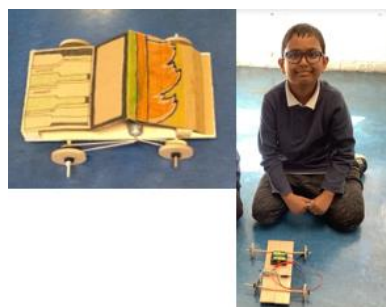
We identified what materials we needed to construct our geared vehicles.



We used our prior knowledge of electrical systems to build a working circuit that would make our vehicles move.



We chose the tools and materials we needed and built our geared vehicles, evaluating and adapting our designs as we worked, so that our designs met the brief.



We decorated our vehicles, then shared our designs and evaluated their effectiveness against the brief.