

# **TECHNOLOGY EDUCATION**

## **Syllabus for Primary Schools**

# **YEAR 6**

# **LEARNING OUTCOMES**

**for**

**YEAR 6**

<b>6.1 MATERIALS</b>	<b>6.2 DESIGNING SKILLS</b>	<b>6.3 MAKING SKILLS</b>	<b>6.4 KNOWLEDGE &amp; UNDERSTANDING</b>
<p>Children are encouraged to use:</p> <p>6.1.1 Various range of materials; electrical / electronic components</p>	<p>Children are encouraged to:</p> <p>6.2.1 Consider appearance, function, safety and reliability in their design</p> <p>6.2.2 Evaluate their own work and that of others</p>	<p>Children are encouraged to:</p> <p>6.3.1 Suggest alternative methods of making if first attempts fails</p> <p>6.3.2 Implement improvements when making products</p>	<p>Children are encouraged to:</p> <p>6.4.1 Learn how simple products with mechanical and electrical components function</p> <p>6.4.2 Recognise how simple electrical circuits can be used in project work</p> <p>6.4.3 Recognise techniques for reinforcing and strengthening structures</p> <p>6.4.4 Distinguish between how well a product was made and how well it was designed</p> <p>6.4.5 Further their knowledge of health and safety both as consumers and when working with various materials and components</p>

**PROGRAMME**

**for**

**YEAR 6**

Learning Outcomes	Notes
6.1.1 Various range of materials; electrical / electronic components	Recommended Project Work
6.2.1 Consider appearance, function, safety and reliability in their design	Design and make Viaducts
6.2.2 Evaluate their own work and that of others	Design and make a buggy
6.3.1 Suggest alternative methods of making if first attempts fails	Project 3 under review
6.3.2 Implement improvements when making products	
6.4.1 Learn how simple products with mechanical and electrical components function	
6.4.2 Recognise how simple electrical circuits can be used in Project work	
6.4.3 Recognise techniques for reinforcing and strengthening structures	
6.4.4. Distinguish between how well a product was made and How well it was designed	
6.4.5 Further their knowledge of health and safety both as consumers and when working with various materials and components	