

# TRANMERE PARK PRIMARY SCHOOL

RIDGE CLOSE  
TRANMERE PARK  
GUISELEY  
LEEDS  
WEST YORKSHIRE  
LS20 8JJ

TELEPHONE: 01943 875050

FAX: 01943 871041

Email: [secretary@tranmerepark.leeds.sch.uk](mailto:secretary@tranmerepark.leeds.sch.uk)



## Science Policy

**Adoption Date: Jan-15**

**Review Date: Jan-18**

*Tranmere Park Primary School is committed to safeguarding and promoting the welfare of children and young people and expects all staff and volunteers to share this commitment.*

# Science Policy for Tranmere Park Primary School

**Author: Angharad Jones**

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| <b>Ethos</b>  |
| All pupils have the right to a broad, balanced and relevant Science curriculum at Tranmere Park. Science permeates almost all aspects of our lives. In teaching Science we aim to provide a wide range of first hand experiences for children to explore and enable them to relate their observations to real life situations.  |
| <b>What we teach</b>  |
| We use the New National Curriculum (2014) as the basis of all teaching and learning throughout KS1 & 2. In EYFS, we use the Early Year Framework. To plan for individual units of work, we use the Hamilton Trust units which are taught each half term.  |
| <b>How we teach Science</b>   |
| Science is taught in a variety of ways that meet the needs of the individual learner. These may include: practical situations and first hand experiences, often be enhanced by educational visits and visitors. Teachers use the school grounds and the outside classroom when appropriate. Teachers may use ICT where appropriate, a variety of grouping structures, varying levels of adult support and an insistence on scientific specific vocabulary. It is up to the individual teacher how they plan and manage lessons and there will be an ongoing focus on child led learning.  |
| <b>How we assess Science</b>  |
| Science is currently assessed at the end of every term with individual pupil results placed on O-Track. Each child is assessed against the age-related expectations for their year group in science using a series of 'I can' statements. They are recorded on O-Track as either working towards the expected level, meeting the expectations or exceeding them.  |
| <b>How we monitor Science</b>   |
| There is an ongoing cycle of subject monitoring at Tranmere Park. The SL will be allocated a block of time during the academic year to monitor the subject across the phases linked to the whole school development priorities. This will focus on Science specific teaching and learning with reference to how we teach Science (see above) and may include: classroom observations, talking to children and adults, planning, children's books and evidence of first hand experiences. Results of monitoring inform SL's action plan. The SL manages the long term plan for Science alongside the curriculum manager. In addition, the SL reports to the assessment manager at the end of the academic year referring to data inputted throughout the year. |
| <b>Resources</b>  |
| Resources are kept centrally in labelled cupboards in the KS2 T-area. The SL regularly monitors these resources and informs the relevant phase leader.  |
| <b>Health &amp; Safety</b>  |
| The school follows the guidelines of the "Be Safe" booklet for all general health and safety issues connected to science. This is kept in the staffroom. In addition, staff should refer to the Health & Safety policy. During their time here, pupils are taught the importance of safe handling of tools and equipment and encouraged to assess and minimise risks with increasing independence.  |

Please refer to these additional policies to supplement this one: equal opportunities, SEN, EAL and Gifted and Talented.