



St Joseph's Catholic Primary School
Diocese of Clifton

Inspiring everyone to **REACH** through
Faith, Hope, and Love

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With St Therese as our guide we do little things with much love to make a big difference for everyone.

Headteacher: Mrs Clare Howells

12th December 2024

K'NEX Challenge 2025

Dear Parents/Carers,

RENISHAW K'NEX CHALLENGE – Tuesday 14th January 2025

Following successful previous STEM WORKS workshops, Year 6 have been able to secure an afternoon of construction, fun and challenge. This workshop, which has been heavily subsidised by Renishaw, will take place on the school site and the children will work in pairs to learn about structures and mechanisms and use their knowledge to solve a construction challenge.

Students are provided with an introduction to the exciting world of engineering by using K'Nex to produce a solution for a given problem. A winning team will be chosen from each school based on their ability to work together, solve problems, produce a working model and communicate their ideas to each other and the judge. The team with the best solution will be invited to the Gloucestershire K'Nex final.

The session will run for half a day with pupils working in pairs on the design and construction of their solution. K'Nex is a very adaptable construction kit that allows the pupils to experiment with structures, gears and other mechanisms while modelling their design.

The workshop is planned to take place on **Tuesday 14th January** and the cost per child will be **£8**. We know how much the children will enjoy and benefit from this workshop and feel it is just too good an opportunity to miss! We hope that you agree. In order to confirm this exciting opportunity for your child, **we need both consent and payment (both via ParentPay) made ASAP** but no later than **Friday 10th January 2025 for this exciting extra-curricular event to go ahead**.

Many thanks for your continued support,

Mrs Knight

(Year 6 Teacher)