



Subject Design Technology Curriculum Impact Statement 2024 -2025

Overall synopsis / developments

- A condensed Design Technology curriculum has meant that objectives can be taught more thoroughly.
- All year groups are delivering the curriculum with greater impact.
- Many of the units covered is taught through KAPOW which gives teachers greater guidance and support to deliver the curriculum successfully.
- I am pleased that the school has taken part in the Inventors & Makers self-guided STEM Engineering and Structures Workshop.

Data overview

Inclusion

At Longshaw, we use a variety of teaching and learning styles in DT lessons.

- Having different
- set common tasks that are open-ended and can have a variety of responses.
- using additional adults to support the work of individual children

Subject leadership – CPD, Monitoring and Evaluation

- Speaking with our ambassadors has been a positive addition to school.
- Having been on a BAE funded course at delivering Tinkercad has enabled me to deliver a staff meeting on using CAD. All of year 4 have now had a go at using Tinkercad to aid their designs. Year 5, will be equipped and ready to teach CAD during the next academic year.
- 4A took part in the Grow Your Own Potatoes (GYOP) project. We successfully grew the potatoes and all of the class got to take some home.

Highlights / Cultural Capital

- Year 5 and 6 have taken part in Lego Robotics stem workshops www.juniorstem.co.uk

The children build fantastic Lego WeDo models then learn to program sensors, motors and lights to bring them to life. The sessions were highly engaging, packed full of learning and lots of fun.

The whole school took part in the self- guided Engineering and Structures workshop by [Inventors & Makers | STEM Workshops & Clubs for Primary & Early Years](#) The children learned about some of the world's best known structures, the concepts behind them and built their own free standing structures.

Pupil Voice (including ambassadors)

“I think DT is a great subject because you get to design and create new things.”

“I like DT because it is very creative and you get to make new things.”

“I think it is fun. I learned how to sew and I even fixed Miss Allen’s dog’s bed.”

Data Overview

Year 3 (90 Pupils)

	No Assessment	Significantly Below	Below	Just At	Securely At	Above	Significantly Above
Design and Technology	2.2% (2)	2.3% (2)	9.1% (8)	30.7% (27)	53.4% (47)	4.5% (4)	

Year 4 (89 Pupils)

	No Assessment	Significantly Below	Below	Just At	Securely At	Above	Significantly Above
Design and Technology	4.5% (4)	31.8% (27)	4.7% (4)	21.2% (18)	41.2% (35)	1.2% (1)	

Year 5 (90 Pupils)

	No Assessment	Significantly Below	Below	Just At	Securely At	Above	Significantly Above
Design and Technology	1.1% (1)		5.6% (5)	21.3% (19)	73.0% (65)		

Year 6 (85 Pupils)

	No Assessment	Significantly Below	Below	Just At	Securely At	Above	Significantly Above
Design and Technology	1.2% (1)		11.9% (10)	42.9% (36)	45.2% (38)		

