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The Open University

Statement of participation

Tithi Bose

has completed the free course including any mandatory tests for:

Toys and engineering materials

This free 10-hour course discusses the impact of new engineering materials on the changing design of toys and cars.

Issue date: 26 January 2022

www.open.edu/openlearn

This statement does not imply the award of credit points nor the conferment of a University Qualification.
This statement confirms that this free course and all mandatory tests were passed by the learner.

Please go to the course on OpenLearn for full details:
https://www.open.edu/openlearn/science-maths-technology/toys-and-engineering-materials/content-section-0

COURSE CODE: **T271_1**

Toys and engineering materials

https://www.open.edu/openlearn/science-maths-technology/toys-and-engineering-materials/content-section-0

Course summary

This free course, Toys and engineering materials, introduces engineering in context. It explores the variation in materials and composite materials, and provides real-life examples of material use in the manufacture of toys, and how the development of materials over time has influenced design.

Learning outcomes

By completing this course, the learner should be able to:

- understand how the development of engineering materials can drive the design process
- understand how the introduction of semiconductors made a huge impact on the future of design
- understand the impact materials development has had on toy manufacture.

Completed study

The learner has completed the following:

Section 1

Engineering: a holistic approach

Section 2

The application of metal

Section 3

The introduction of semiconductors

Section 4

Conclusion