Please use BLOCK CAPITALS when completing.

All fields must be completed.
Incomplete nominations cannot be considered.

EXCELLENCE Awards 2021

Nominee details

Name of nominee

Phase of education (if applicable)	Primary	Secondary	Tertiary			
D&T specialism(s) (if applicable)	Electronics	Research	Food	Textiles	Engineering	Product Design

Job title

Work address of nominee

Postcode   Work Telephone No

Work email

Home Telephone No

Home email

Please note these details will only be used if the nomination is successful

Category of Award nomination for (please tick)   1   2   3   4   5   6   7   8   9   10   11   12

■ Please outline why this person is suited for this category of award, listing their unique skills, outstanding achievements and contributions to design and technology in this specific category. Provide as much suppporting information as possible e.g. photos. articles, student work, testimonials. You may continue on a separate sheet, if required.

■ Please note that this citation will be edited and used on the winner's certificate, so please supply as much relevant detail as possible.

Nominator details

Neither nominators or nominees have to be members of the D&T Association

Name of person making the nomination

D&T Association membership No (if applicable)   Telephone No.

Email

Referee details

Name of additional person who could provide a reference (in the case of teachers, this should be their headteacher).

Job title

Relationship to nominee (will only be contacted if nominee is potential winner)

Address

Telephone No.

Email

Please email neesha.mistry@data.org.uk
or post to The Design and Technology Association
11 Manor Park, Banbury, Oxford, OX16 3TB
by Friday 26th March 2021

D&T the design and technology association

The Design and Technology Association Excellence Awards

Nomination for Awards 2021

Deadline for submission Friday 26th March 2021

Started in 1999 by the Design and Technology Association Trustees, the Design and Technology Association Excellence Awards gives professional recognition to individuals for their contribution to design and technology education.

Please note that neither nominators nor nominees have to be members of the Design and Technology Association. A list of previous award winners is available on our website. The D&T Association trustees and executive consider the nominations and select the award winners based on the information provided on the nomination form and subsequent references.

All award winners and their guests (one per winner) will be invited to the annual awards ceremony in London on 25th June 2021. The Association will contribute to the cost of travel only for winners.

CATEGORY 1: Innovation and creativity in design and technology

Design and technology evolves continually. It promotes innovation and creativity. This award is for those who have demonstrated exceptional creativity and innovation in the classroom. Their work will be driven by a passion for new ideas, an enthusiasm for developing creativity and problem-solving skills and a desire to promote design and technology teaching and learning. This award recognises exceptional ability to inspire and encourage young people to be creative, imaginative, inspirational and ambitious designers. Nominees will have inspired their pupils and/or fellow teachers to develop excellent design skills and utilise a variety of design processes. They will have overseen a wide range of design challenges where pupil outcomes from activity will be imaginative, innovative and demonstrate a clear understanding of different user-needs and attributes.

Examples could include:

- Developing teaching and learning programmes that make use of innovative design methodology.
- Innovative identification of contexts external to the school, that provide rich opportunities for pupil activity.
- Incorporation of modern materials, components and systems in designing and making activity.
- Creative methodologies to help pupils think about user-centred design, for example, school visits or discussions with representatives of specific groups (e.g. those running or attending play groups or those with special needs.)
- Evidence that pupils have consulted and worked with others to increase their understanding of a need, enabling them to formulate ideas and proposals, using a variety of iterative designing strategies, such as modelling.

CATEGORY 2: Inspirational teaching of design and technology – Primary
CATEGORY 3: Inspirational teaching of design and technology – Secondary

These awards recognise exceptional teaching and learning, resulting from devising and facilitating an inspirational design and technology curriculum and associated activity in school.

The recipients of the awards will have been identified as going above and beyond what is normally required, ensuring that young people are highly motivated by the opportunities provided to them and are able to achieve success in the subject. Typically, award winners will demonstrate consistently charismatic teaching, that engages and inspires their pupils and delivers exceptional design and technology teaching and learning.

Examples could include:

- The award winner has developed teaching and learning programmes that demonstrates inspirational activity, making cross curriculum links that ensure design and technology work both informs and is informed by learning in other subjects.
- Inspirational teaching resources have been created and used to great effect.

CATEGORY 4: Excellence in engineering education

Engineering is an essential part of design and technology education. Increasingly engineering activity makes use of digital technologies, new materials and production processes. This award is for developing programmes that support and develop modern engineering courses in schools and colleges. The award winner's students will understand key engineering principles appropriate to their age, will have knowledge and/or experience of modern engineering industries and will feel confident to explore future opportunities. In doing so, they will apply the engineering knowledge, skills and understanding they have developed through their design and technology curriculum.

Examples could include:

- Clear evidence that pupils have grasped basic engineering principles and are applying theoretical concepts in their practical activity.
- The use of teaching programmes that inspire young people to engage with the world of engineering and encourage and/or provide access to engineering qualifications.

CATEGORY 5: The *Institute of Engineering and Technology* award for creative use of digital technologies in design and technology

Modern design and technology makes sophisticated use of digital technologies in both the originating of design ideas and their manufacture. This includes the use of CAD/CAM and communication technologies. In addition, digital control electronics are incorporated increasingly in the products young people design and manufacture resulting from teaching and learning that makes use of a range of digital resources. This award recognises creative and innovative use of these technologies and resources in design and manufacturing.

Examples could include:

- Significant use of CAD and CAM to support design and making activity. Access to these technologies will be fully integrated and the origination of pupils' design ideas and their production will be dependent on their use when addressing design challenges.
- Pupils will be familiar with the essential elements of digital control technology as appropriate to their age and they will include innovative use of computer control technology in the products they design and make.
- New opportunities are explored using emerging technologies such as the construction and use of drones.

CATEGORY 6: Industry engagement

This award recognises consistent effort and achievement in engaging with industry to support design and technology in schools and colleges. As a result, young people's learning and understanding of the world of business and industry will have been significantly enhanced. Typically, the award winner will have developed industry partnerships, where industry representatives work in partnership with teachers, facilitating visits and/or provide groups of young people, access to specialist employees and environments.

Examples could include:

- Positive relationships with a local employer that has resulted in reciprocal visits involving pupils and industry representatives. Because of partnership working, successful design and technology activity has been completed, linked to a particular industry. Pupils' learning has been significantly enhanced by an ongoing collaboration which is helping to shape the curriculum in the school/college, increasing relevance and meaning.

CATEGORY 7: Development of STEM learning opportunities

This award recognises the development of resources, services or access to activity that enables and promote design and technology within science, technology, engineering and mathematical (STEM) activity. Typically, the award winner will have enabled STEM cross curricular learning to be facilitated in schools, requiring teachers from different STEM subjects to work closely together. Pupils' design and technology outcomes resulting from this activity, will demonstrate sophistication and reflect the use of knowledge, skills and understanding from other subjects.

Examples could include:

- Award winners will have instigated STEM projects with pupils that make critical use of design and technology. This could include leading on collaborative projects that reflect a range of STEM learning – for example the creation of a wildlife area for the school, containing a pond with water feature and bridge. This would require pupils to apply an understanding of planning and costing, biology, systems and control for a pump for water oxidisation and physics and engineering for the construction of the various elements.

CATEGORY 8: Exceptional pupil achievement

This award differs from others in recognising both the achievement of an individual or group of pupils and their design and technology teacher. Typically, the pupil or group of pupils will have demonstrated outstanding design and innovation, resulting in products or systems that represent exceptional quality for a particular age group. If appropriate, the work may have achieved very high marks when submitted for external assessment i.e. public examinations or a competition.

Examples could include:

- At KS1 to KS3, a pupil/s will have produced exceptionally high-quality work. This might take the form of a particularly well-made prototype and illustrates high level of skill in both design and manufacture.
- At KS4 and post 16, the award might result from exceptional performance in design and technology public examinations requiring completion of coursework.

CATEGORY 9: Design and technology subject leadership

This award is given to those demonstrating consistently strong design and technology leadership either within a school context e.g. as Subject Leader/Head of Faculty or working outside in a wider supporting capacity. Resulting from their work, design and technology will be attributed high status within a school/s and those involved in its teaching will be highly motivated and ambitious for both the subject and their pupils' achievement. In primary schools, the subject leader will have ensured that design and technology is well resourced and all those teaching it feel supported. At secondary level, subject leaders will be active in their role as middle managers and make sure that the subject is understood and valued beyond the design and technology department.

Examples could include:

- The Subject Leader has made use of resources such as the Design and Technology Mark to undertake a thorough review of their department and made subsequent changes. As a result, the secondary department has a clear vision, development plan and strategy for short, medium and long-term development.
- In Primary school, the subject leader provides teachers with professional development involving resources, such as Primary Projects on a Page.

- Uptake amongst pupils at KS4 and KS5 is good resulting from the subject being valued highly within the community.

CATEGORY 10: Supporting design and technology

This award is for members who have demonstrated outstanding support for the subject in school, working in the capacity of a Teaching Support Assistant or a Technician. Typically, they will be highly motivated and enthusiastic about the subject with their enthusiasm having a positive effect on both pupils and colleagues. Award winners will be highly valued members of their design and technology team, and their work integral its overall success.

Examples could include:

- In primary schools, a support assistant may have been responsible for developing the expertise to enable computer programmable control into design and technology activity. Having acquired the relevant resources, they have become sufficiently proficient to be able to instruct both pupils and teachers, playing a key part in curriculum development and delivery.
- At secondary level, a technician may have been particularly active in developing aspects of engineering including machining. Consequently, production of sophisticated, engineered prototypes that include the use of CNC machining result.

CATEGORY 11: Design and technology teacher education

This award recognises service to teacher training and continuing professional development. Those nominated will have demonstrated high quality work in this field over a significant period of time. They will have helped teachers at various stages of their careers to develop their design and

A list of previous award winners can be found on the website.

technology subject and pedagogical knowledge, skills and understanding.

Examples could include:

- The award winner will have run a high-quality school or HEI based teacher education programme ensuring those entering the profession are very well equipped, confident and prepared to teach a 'high tech' design and technology curriculum. They may also have engaged with the wider design and technology community, providing high quality continued professional development (CPD) as part of the D&T Association's CPD programme.

CATEGORY 12: Outstanding contribution to Design and Technology

This is the highest professional award that can be made by the Design and Technology Association. Those nominated will have:

- made a significant and outstanding contribution to the subject area which could be in one or more categories including: teaching, leadership, advising, research, curriculum development, curriculum support, resource development, industrial support etc.
- given service over a significant period of time and/or made an outstanding contribution, influencing the development of the subject.