



School of the Future Competition 2018

BDP.

Information for Teachers

The competition

BDP is hosting an interschool competition for individual pupils to design their school of the future. BDP is an international multidisciplinary company, consisting of architects, engineers and designers who work together to design award winning buildings.

BDP's competition is to encourage students to take up STEM subjects at GCSE and to create an association between engineering and creativity. It is being run alongside numerous activities for International Women in Engineering Day (23rd June).

More information about the day can be found here: <http://www.inwed.org.uk/>

This competition is aimed at all students in Key Stage 3 (Years 7 -9). It is intended that the poster is created in their spare time but if a school wishes to use lesson or form time to complete the task this is also acceptable.

Submission

Posters are to be A3, single sided and in colour. Details of the individual, including name, age and school are to be included alongside their submission.

Posters are to be scanned and emailed to rebecca.ellis@bdp.com. If students wish to post their poster, this will be possible but will be at their own expense. The postal address is:

FAO Rebecca Ellis
BDP16 Brewhouse Yard
London
EC1V 4LJ

The deadline for entry is Friday 15th June 2018.

Only one entry per pupil will be accepted. Posters will be used in BDP communications including social media and the BDP website. Entry into the competition will be taken as acceptance of the use of the material submitted.

Results

The winner of the competition will be announced on the BDP website and the student's school will also be contacted by 1pm on Friday 22nd June 2018.

Prizes

The following prizes will be awarded:

Winner: £50 Amazon Gift Voucher

Runner up: £20 Amazon Gift Voucher

BDP are happy to present the student's prize during an assembly or form time and to provide a brief presentation explaining engineering careers in the building sector.

Information for Students

The task

We want you to create an A3 poster showing how you would design the school of the future. Your poster should cover the requirements of the brief (below) and showcase your idea.

The brief

It is the year 2030 and you are a young and upcoming building designer. Using your creative skills, you are asked to design the school of the future. You are to present your ideas using an A3 poster. Your design for the school of the future will be judged on the three areas below:

Great design!

You could think about:

- What parts of a school do you think are needed and what should they look like? Where will students learn, eat, exercise...even go to the toilet!
- Can you provide the facilities required in a school in a building that looks great?
- Do you think the way a school looks is important?
- How can your design make the school a great place to be?
- What do you like or what would you change about your current school?
- Would you want more natural light, more colour, and more green spaces?

Sustainability!

You could think about:

- How can you make your school have the least impact on the environment?
- Can you use recycled or renewable materials?
- Can sustainable energy be used or even created in your school?
- How does your school support the local community?
- How do students get to school?
- Is there somewhere people can meet and play?
- Is it accessible to those with disabilities?

Future Technology!

You could think about:

- What technology do you think will be used in schools?
- How will technology change the way you learn at school?
- How do you think technology could be used to help build your school?
- What new materials could you use to construct your school?
- How do you think technology will help you to heat and light your school?
- Will technology change the way we get to and from school?

The final product

You are to produce an A3 poster that details your design for the school for the future. The poster needs to ensure that the above three factors are met. How the school is to be constructed is just as important as it is how it is to be used and should be included on the poster.

The poster can be made either by hand or digitally. Lots of pictures and diagrams are encouraged to help explain your idea. If you use images from the internet, please make sure that their source is identified.



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