

Year 9 Architecture Curriculum

Autumn Term 2018-19



Curriculum Content	Assessment	What homework will they have?	I'm not an expert, so how can I help?
What will my child be studying this term? <ul style="list-style-type: none">• What makes a building successful?• How can we be more sustainable?• What is community? How can we design for them?• What needs do our community have from construction projects?• What roles exist in the construction industry?	<u>Presentation:</u> <ul style="list-style-type: none">• "How to improve sustainability within my community" – presentation skills and content <u>Landscape design:</u> <ul style="list-style-type: none">• Design of a community garden – making use of natural resources and meeting needs of the community• Roles with the construction industry	Students will be set homework every week. This may take the form of completing PowerPoint tasks, researching existing designs, carrying out REVIT designs. It is advisable that students download REVIT on computers at home. Access is possible in school outside of lesson time where this is not possible.	Explore facilities within REVIT. Look at most and least favourite buildings. Consider positive and negative points. Try to incorporate positives within your own designs.

Content covered:

- Students embark on a project to encourage sustainable actions within their community
- Students will design basic construction projects using Revit.
- Students will also learnt about various roles in the construction industry, carry out a variety of tasks and apply this to their design project.

Literacy and numeracy:

Calculations will form the basis of many design justifications.
Most written design work is presented on PowerPoint for external assessment.

What can I do to help my child?

Additional resources and details of core texts used:

Students are provided with an online textbook, available at <http://teachers.designengineerconstruct.com>. Passwords will be provided at the start of the course. Free download of the REVIT software are available to students for home use at: www.designengineerconstruct.com. Mr Bartlett will provide an instruction sheet at the beginning of the course to help with this download.

Teaching group arrangements:

There are two classes in the year following this course and students will be taught in a mixed ability class. Sometimes groupings within the class will be done by ability within the different activities

Where can I get more advice?

Mr D Bartlett (Curriculum Leader) – dbartlett@stratfordschool.co.uk. Please include the name of your child's teacher so the message can be forwarded appropriately.