



# Product Design Course Calendar and Information

**The City of Leicester College**

# Y7 Product Design (Course Calendar)

AQA Assessment Objectives	AO1 - Investigating the design context	AO2 – Refinement and experimentation	AO3 – Communication and recording	AO4 – Realising intentions		
	AUTUMN 1.1 Mechanisms	AUTUMN 1.2 Mechanisms	SPRING 2.1 Animal toy	SPRING 2.2 Animal toy	SUMMER 3.1 Packaging	SUMMER 3.2 Packaging
	<b>27.8.18 Bank holiday and 2 Teacher Days</b>	29.10.18 Progress week Practical- coping saws	<b>7.1.19 Teacher day</b> 11.1.19- Data entry 1 Measuring & marking	25.2.19 Sawing and shaping	29.4.19 Packaging research	3.6.19 CAD ideas- packaging
	<b>3.9.18 -Students start Testing and evaluating mechanisms</b>	5.11.18 <b>8.11.18- Yr7 Parent's Eve.</b> Practical- coping saws	14.1.19 Measuring & marking	4.3.19 <b>6.3.19- Student review day</b> Sawing and shaping	<b>6.5.19- Bank Holiday</b> Packaging research	10.6.19 PPE Finalise ideas
	<b>10.9.18 Testing and evaluating mechanisms</b>	12.11.18 Practical- sawing and sanding	21.1.19 Measuring & marking	11.3.19 Sawing and shaping	13.5.19 CAD ideas- packaging	17.6.19 Cut nets & glue windows
	<b>17.9.18 Testing and evaluating mechanisms</b>	19.11.18 Assessment point 2 Practical- sawing and sanding	28.1.19 Sawing and shaping	18.3.19 Sanding and finishing	20.5.19 Assessment point 6 CAD ideas- packaging	24.6.19 Assessment point 7 Assemble packages
	<b>24.9.18- Design ideas</b>	26.11.18 Practical- constructing frames	4.2.19- Progress week Assessment point 4 Sawing and shaping	25.3.19 Sanding and finishing	27.5.19 Half Term	1.7.19 5.7.19- Data entry 2 Evaluate products
	<b>1.10.18 Design ideas</b>	3.12.18 Practical- constructing frames	11.2.19 Progress week Sawing and shaping	1.4.19- Assessment point 5 Sanding and finishing		8.7.19 Activities week?
	<b>8.10.18 Assessment point 1 Design ideas- CAD</b>	10.12.18 Assembling & testing components	18.2.19- Half term	8.4.19- Gluing and assembling		
	<b>15.10.18- Progress week 19.10.18- A to L CAD templates</b>	17.12.18 Assessment point3 Assembling & testing components		15.4.19- Easter break		
	<b>22.10.18 Half term</b>	24.12.18 Christmas				

# Y8 Product Design (Course Calendar)

AQA Assessment Objectives	AO1 - Investigating the design context	AO2 – Refinement and experimentation	AO3 – Communication and recording	AO4 – Realising intentions	
AUTUMN 1.1 Choc Box	AUTUMN 1.2 Choc Box	SPRING 2.1 Jewellery	SPRING 2.2 Jewellery	SUMMER 3.1 Jewellery	SUMMER 3.2 Jewellery
<b>27.8.18 Bank holiday and 2 Teacher Days</b>	29.10.18 Progress week CAD- Nets	<b>7.1.19 Teacher day</b> Metalwork techniques- piercing (external)	25.2.19 1.3.19- Data entry 2 Brief-analysis (Ocean theme)	29.4.19 Making final product	3.6.19 Making final product
<b>3.9.18 -Students start Brief- analysis Moodboards/ inspiration</b>	5.11.18 9.11.18- Data entry 1 CAD- Nets	14.1.19 Metalwork techniques- piercing(external)	4.3.19 <b>6.3.19- Student review day</b> Brief-analysis (Ocean theme)	<b>6.5.19- Bank Holiday</b> Assessment point 6 Making final product	10.6.19 Assessment point 7 Making final product
<b>10.9.18 Brief- analysis Moodboards/ inspiration</b>	12.11.18 CAM-Modelling & modifications	21.1.19 Metalwork techniques- piercing (internal)	11.3.19 Design ideas- sketching	13.5.19 Making final product	17.6.19 Making final product
<b>17.9.18 Assessment point 1 CAD- CorelDraw (pattern construction)</b>	19.11.18 CAM-Modelling & modifications	28.1.19 PPE Assessment point 4 Metalwork techniques- piercing (internal)	18.3.19 Design ideas- sketching	20.5.19 Making final product	24.6.19 28.6.19- Data entry 3 Making final product
<b>24.9.18- CAD- CorelDraw (pattern construction)</b>	26.11.18 CAM-Production & Assembly	4.2.19- Progress week Metalwork techniques- Mark making	25.3.19 Design ideas- sketching	27.5.19 Half Term	1.7.19 Assessment point 8 Making final product
<b>1.10.18 CAD- CorelDraw (pattern construction)</b>	3.12.18 CAM-Production & Assembly	11.2.19 Progress week <b>13.2.19- Yr8 Options Fair</b> Metalwork techniques- Mark making	1.4.19- Assessment point 5 Design ideas- modelling		8.7.19 Activities week?
<b>8.10.18 Product analysis- Nets Vac Forming Demo</b>	10.12.18 Assessment point3 CAM-Production & Assembly	18.2.19- Half term	8.4.19- Design ideas- modelling Final Idea sheet		
<b>15.10.18- Progress week Assessment point 2 CAD- Nets</b>	17.12.18 CAM-Production & Assembly Evaluation		15.4.19- Easter break		
<b>22.10.18 Half term</b>	24.12.18 Christmas				

# Product Design Information

## General information

The course is aimed at introducing and teaching pupils how products are manufactured through a range of focused practical tasks. Students will use a range of tools, machinery, materials and processes to design and make products from initial idea to fully functional product. Students will be making a Mechanical Wooden Toy using various hand crafting skills and machinery.

## Assessment

Students will be assessed on their practical skills, analysis and evaluation of the final outcome and the work of others. Literacy is also very important as designers need to communicate ideas visually and verbally using a range of skills. They will also be assessing risks within the workshop and when using different materials.

## Homework

Students are required to complete twelve homework tasks which use a variety of skills. Each homework task should reflect at least 1 hour of the students' best work and should not include the time taken to gather information or research. Homework should be presented appropriately to the task, for example, on neat paper, well drawn/ coloured diagrams, spelling, grammar and punctuation checked and accurate. Titles & date underlined.

## Parental Support

- Students must ALWAYS have the correct equipment as stated in their planner but may also find colouring pencils and other design equipment very useful, although these can be provided.
- Please ensure that your child regularly completes their homework by the given deadlines and ensure that work and homework is transported to and from school in a folder to ensure it is kept neat. Work should not be folded.
- Students benefit from regular practice at sketching so encouragement to sit and sketch from objects in front of them will enable their design communication skills to improve.
- Many students also benefit from collecting images, articles, photographs and samples such as fabrics, postcards and leaflets. Encouraging your child to keep a folder or scrapbook of such items of interest enables the student to build up a folio, which is personal to their own inspiration, and is very useful when generating a personal response to design briefs.
- Visits to art galleries, exhibits and special events allow students to experience design first hand in order to appreciate the process

