Corby Business Academy



Year 8 - Design and Technology - Term 6 - Curriculum Overview

| Week | Learning | Activities |
|--|--|---|
| Week beginning 1 st June | Investigating recycling to re-use In this lesson you will learn about and apply effective research techniques. Research is the essential starting point to any project. So, first things first, what do we need to know before starting this project? | On Teams Follow the instructions and guidance to watch the video and work through the tasks. • Watch video links for recycling <u>Yr 8 Recycled bottle project.pptx</u> • Submit your work via Teams |
| Week beginning 8 th June | Using diagrams to communicate In this lesson we will be creating and developing your skills in communication of ideas and applying creative thinking techniques. Creating a mind map in your booklet will help you to identify were the product will go, this is important as we need to know how big the product could be and what features it might need. You can also start to design | On Teams Follow the instructions and guidance to watch the video and work through the tasks. Complete the mind mapping task Complete the chart on the 6R's In activity 1 Submit your work via Teams Yr 8 Recycled bottle project.pptx |
| Week beginning 15 th June | Creating a useful product from junk In this lesson we are going to continue our skills development to apply rapid prototyping skills to a physical model | On Teams Complete the last part of the 6R's chart recording the positives (Pros) and negatives (Cons) about recycling. Follow the instructions and guidance to watch the video and work through the tasks. <u>Yr 8 Recycled bottle project.pptx</u> Submit your work via Teams |
| Week beginning 22 nd June | Re-use and how it can affect the environment In this lesson you will explore the environmental impact of waste and | On Teams Follow the instructions and guidance to watch the video and work through the tasks on slides 4-8 for this week. |

Corby Business Academy



Year 8 - Design and Technology - Term 6 - Curriculum Overview

| | requeling to herefit the | Vr 9 Deciveled bettle president protection |
|--|--|--|
| | recycling to benefit the | Yr 8 Recycled bottle project.pptx |
| | environment. | Submit your work via Teams |
| | Product Development | On Teams |
| Week beginning 29 th June | In this lesson you will be Designing and then refining (Developing) your first versions of your product to evaluate the effectiveness of design solution and make improvements. | Follow the instructions and guidance to watch the video and work through the tasks on slides 9-12 to get your thoughts and design ideas on paper. <u>Yr 8 Recycled bottle project.pptx</u> |
| | | Photograph your initial design sketches and your improved design development. |
| | | Submit your work via Teams |
| | | |
| | Final Prototypes | On Teams |
| | In this lesson we will create a better version that actually works well. | Follow the instructions and guidance to watch the video and work through the tasks. |
| | We will also check that it is easy to use for all the people who may want | Yr 8 Recycled bottle project.pptx |
| Week beginning 6 th July | it. | Watch the video link on slide 14 for help and guidance. Get permission to use scissors for this part of your project. |
| | | Submit your work via an uploaded photo on Teams |
| | | |
| | Creative Consolidation | On Teams |
| Week beginning 13 th July | In this lesson you will consolidate the skills you have learned, You will use this lesson to imagine a marketing strategy to sell your products on line for delivery or if you are feeling generous, provide for free to a local junior school. The school children could then personalise their new re-used and | Follow the instructions and guidance to watch the video and work through the tasks on slides 16-20. The first part is about testing your product works, the second part is about evaluating what you did and what you have learnt. Yr 8 Recycled bottle project.pptx |
| | | Submit your work via Teams |

Corby Business Academy



Year 8 - Design and Technology - Term 6 - Curriculum Overview

| upcycled product to help them learn | |
|-------------------------------------|--|
| about nature. | |
| | |