| Curriculum Plan | | | Year 8 Resistant Materials |
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| | **W/C 10th January** | **W/C 17th January** | **W/C 24th January** |
| How you will access home learning | **All work will be set in your Microsoft Teams Group for Technology, If you are working from home, you should check your Teams group on the day that you have Technology on your timetable.** **There are also links to video lessons from the Oak Academy website each week that are listed below. These are for you to watch if there isn't any work set for you on Teams. This may happen if your teacher is absent.** | | |
| How you be able to interact with your teacher and gain feedback on your work | You can interact with your teacher by asking any questions about the work by using the chat function on your Year 8 Microsoft Team Class. | | |
| **Retrieval** How we will help you to recall previously learnt knowledge | Health and safety How can we be safe in the work shop? | Working Drawing – what is one? What do they look like? | Isometric Drawing – where have you seen these in maths before? |
| **New Learning** — What you will be learning about this week | Health and safety whist performing practical work What is a working drawing? | How to create a working drawing of the automata? | What is an isometric drawing, why are they used and how to create one? |
| **New Learning** — How we will teach the new knowledge or ideas | PowerPoint, teacher demonstrations, video demonstrations and practical activities. | PowerPoint, teacher demonstrations, video demonstrations and practical activities. Or you can watch these video lessons from the Oak Academy website: https://classroom.thenational.academy/lessons/graphic-communication-cdhkat | PowerPoint, teacher demonstrations, video demonstrations and practical activities. Or you can watch these video lessons from the Oak Academy website: https://classroom.thenational.academy/lessons/an-introduction-to-cad-and-3d-modelling-64r64d |
| **New Learning** — Activities that will help you learn and practice what you've been taught | Students will complete an activity creating 4 rectangles, each progressively getting larger. Then annotating them with the markings for working drawings. | Students will create a working drawing for the automata using the skills from last week, and a cutting list provided. | Students will use isometric paper and draw their dream house. |

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| | What you can do if you are stuck | Use the resources in MS teams, check the classwork set on SMHW to see what you need to do. You can also e-you're your teachers; awragg@notredame-high.co.uk, jbaggaley@notredame-high.co.uk, kdarkin@notredame-high.co.uk, mowczarek@notredame-high.co.uk, rquinn@notredame-high.co.uk, ecarrigan@notredame-high.co.uk , please be specific in the help you need to enable them to give you appropriate feedback. | | |

| | | W/C 31st January | W/C 7th February |
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| How you will access home learning | | **All work will be set in your Microsoft Teams Group for Technology, If you are working from home, you should check your Teams group on the day that you have Technology on your timetable.** **There are also links to video lessons from the Oak Academy website each week that are listed below. These are for you to watch if there isn't any work set for you on Teams. This may happen if your teacher is absent.** | |
| How you be able to interact with your teacher and gain feedback on your work | | You can interact with your teacher by asking any questions about the work by using the chat function on your Year 8 Microsoft Team Class. | |
| **Retrieval** How we will help you to recall previously learnt knowledge | | Where are isometric drawings use in the design industry and why? | What is success criteria? Why do we use this in school and how might be use this with a product? |
| **New Learning** | What you will be learning about this week | How to create an isometric drawing of their automata further improving isometric skills but this week to scale. | How to assess a practical piece of work and what gives a professional finish. |
| | How we will teach the new knowledge or ideas | PowerPoint, teacher demonstrations, video demonstrations and practical activities. Or you can watch these video lessons from the Oak Academy website: **https://classroom.thenational.academy/lessons/the-world-of-design-60r34t** | PowerPoint, teacher demonstrations, video demonstrations and practical activities. Or you can watch these video lessons from the Oak Academy website: **https://classroom.thenational.academy/lessons/technical-drawings-cgtk6c** |
| | Activities that will help you learn and practice what you've been taught | Students will be given a scale and must create their automata accounting for mechanism. The scaling is 1 cm per square. | Students will create some mark criteria for the clock. They will compare real world clocks with their own criteria. They will focus on complexity, design choices and manufacturing process. |
| | What you can do if you are stuck | Use the resources in MS teams, check the classwork set on SMHW to see what you need to do. You can also e-you're your teachers; awragg@notredame-high.co.uk, jbaggaley@notredame-high.co.uk, kdarkin@notredame-high.co.uk, mowczarek@notredame-high.co.uk, rquinn@notredame-high.co.uk, please be specific in the help you need to enable them to give you appropriate feedback. | |