

Curriculum Plan		Y8 Electronics		
		W/C 10 <sup>th</sup> January	W/C 17 <sup>th</sup> January	W/C 24 <sup>th</sup> January
How you will access home learning		<p>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.</p> <p>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.</p>		
How you be able to interact with your teacher and gain feedback on your work		<p>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.</p>		
<b>Retrieval</b> How we will help you to recall previously learnt knowledge		Answer the following questions: What is a specification? Why is a specification important in design? What is an Evaluation?	Answer the following questions: What Vacuum Forming? What material is used for a Vacuum Forming mould? What materials can we Vacuum Form?	Answer the following questions: What is a Peripheral Interface Controller (PIC)? What brand of PIC's are there? How do we programme a PIC?
<b>New Learning</b>	What you will be learning about this week	This week you will complete a final evaluation of your frisbee, against the specification.	This week we will be developing your understanding of plastics, how they are formed, cut and finished	This week we will be developing your skills on PIC Programming.
	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 videos to complete the storyboard: Video 1 <a href="https://www.youtube.com/watch?v=hukafUxglmE">https://www.youtube.com/watch?v=hukafUxglmE</a> Video 2 <a href="https://www.youtube.com/watch?v=BqV_jsxD0UA">https://www.youtube.com/watch?v=BqV_jsxD0UA</a>	PowerPoint, teacher demonstrations, video demonstrations and practical activities. Or you can watch these video lessons from the Oak Academy website: <a href="https://classroom.thenational.academy/lessons/graphic-communication-cdhkat">https://classroom.thenational.academy/lessons/graphic-communication-cdhkat</a>

	Activities that will help you learn and practice what you've been taught	Complete both evaluation sheets	Produce a story board on vacuum forming, cut, file and sand your Frisbee.	Create a flowchart on circuit wizard to control your frisbee.
	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; <a href="mailto:awragg@notredame-high.co.uk">awragg@notredame-high.co.uk</a> , <a href="mailto:jbaggaley@notredame-high.co.uk">jbaggaley@notredame-high.co.uk</a> , <a href="mailto:kdarkin@notredame-high.co.uk">kdarkin@notredame-high.co.uk</a> , <a href="mailto:mowczarek@notredame-high.co.uk">mowczarek@notredame-high.co.uk</a> , <a href="mailto:rquinn@notredame-high.co.uk">rquinn@notredame-high.co.uk</a> , please be specific in the help you need to enable them to give you appropriate feedback.		

		W/C 31st January	W/C 7 <sup>th</sup> February
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.	
<b>Retrieval</b> How we will help you to recall previously learnt knowledge		Answer the following questions; What tools are needed to drill and populate a PCB? What does PCB stand for? How are PCB's made?	Answer the following questions; What is electricity? How can electricity be stored?? Can you name any components used in electric circuits?
<b>New Learning</b>	What you will be learning about this week	This week you will start to drill and populate your PCB.	This week you will continue to populate your PCB.
	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: <a href="https://classroom.thenational.academy/lessons/the-world-of-design-60r34t">https://classroom.thenational.academy/lessons/the-world-of-design-60r34t</a>	PowerPoint, teacher demonstrations, video demonstrations and practical activities. Or you can watch these video lessons from the Oak Academy website: <a href="https://classroom.thenational.academy/lessons/technical-drawings-cgk6c">https://classroom.thenational.academy/lessons/technical-drawings-cgk6c</a>
	Activities that will help you learn and practice what you've been taught	You will produce a circuit board which will then be programmed to make your lights flash when the frisbee is thrown.	You will produce a circuit board which will then be programmed to make your lights flash when the frisbee is thrown.
	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: <a href="mailto:awragg@notredame-high.co.uk">awragg@notredame-high.co.uk</a> , <a href="mailto:jbaggaley@notredame-high.co.uk">jbaggaley@notredame-high.co.uk</a> , <a href="mailto:kdarkin@notredame-high.co.uk">kdarkin@notredame-high.co.uk</a> , <a href="mailto:mowczarek@notredame-high.co.uk">mowczarek@notredame-high.co.uk</a> , <a href="mailto:rquinn@notredame-high.co.uk">rquinn@notredame-high.co.uk</a> , please be specific in the help you need to enable them to give you appropriate feedback.	