

Curriculum Plan		Year 7 Electronics		
		W/C 10 th January	W/C 17 th January	W/C 24 th 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 7 Microsoft Team Class.</p>		
Retrieval How we will help you to recall previously learnt knowledge		Answer the following questions; What is Pixar? What movies do they make? What makes Pixar unique?	Answer the following questions; What is Alessi? What does they make? What makes their products unique?	Answer the following questions; What is meant by 'Form follows Function, Function follows Form'? Why do designers not make the first product which they design/sketch?
New Learning	What you will be learning about this week	This week you will learn; Health and Safety in the workshop, learn the key design principles behind Pixar and Alessi, start to produce initial design ideas for your night light.	This week we will be developing your design ideas for your night light to produce a final design, ready to draw them on Corel Draw next lesson.	This week we will be transferring your design idea onto Corel Draw. You will learn how use the following tools in CorelDraw: 3-point curve, virtual segment delete, rectangle, ellipse and pick.
	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
	Activities that will help you learn and	Create initial designs from a design company and emulate their style.	Develop a final design of your nightlight considering feedback from others.	Start to draw your final design onto Corel Draw ready to laser cut.

	practice what you've been taught			
	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.		

		W/C 31st January	W/C 7 th 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 7 Microsoft Team Class.	
Retrieval How we will help you to recall previously learnt knowledge		<p>Answer the following questions;</p> <p>What was the software used to create designs for the laser cutter?</p> <p>What is CAD?</p> <p>What is an advantage and disadvantage of CAD?</p>	<p>Answer the following questions;</p> <p>What is electricity?</p> <p>How can electricity be stored??</p> <p>Can you name any components used in electric circuits?</p>
New Learning	What you will be learning about this week	This week you will be completing your Corel Draw design work ready to send it to the laser cutter.	This week you will start to drill and 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: 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-cgk6c
	Activities that will help you learn and practice what you've been taught	Create different designs on CorelDraw that can be laser cut. These could be holiday decorations, gift cards or signs for doors.	You will produce a circuit board which will then be programmed to make your lights flash wither automatically when it gets dark, or manually when you press a switch.
	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.	