

## Technology work for Students who are Self-Isolating

### Year 7 Technology

Follow the link below and then click on the relevant lesson depending on the date.

	<b>Food Technology Topic and link to Oak Academy lesson</b>	<b>Resistant Materials Topic and link to Oak Academy lesson</b>	<b>Textiles Topic and link to Oak Academy lesson</b>
<b>WB 13<sup>th</sup> Sept</b>	<b>Health and safety</b> <a href="https://classroom.thenational.academy/lessons/health-and-safety-preparation-and-hygiene-cmw3er">https://classroom.thenational.academy/lessons/health-and-safety-preparation-and-hygiene-cmw3er</a>	<b>Health and safety</b> <a href="https://technologystudent.com/pdf19/safetybooklet1.pdf">https://technologystudent.com/pdf19/safetybooklet1.pdf</a>	<b>Introduction to design</b> <a href="https://classroom.thenational.academy/lessons/designing-for-others-6mtk2t">https://classroom.thenational.academy/lessons/designing-for-others-6mtk2t</a>
<b>WB 20<sup>th</sup> Sept</b>	<b>Nutritional requirements for the body</b> <a href="https://classroom.thenational.academy/lessons/how-can-we-ensure-that-a-meal-has-the-correct-balance-of-nutritional-value-for-the-body-ctjpa">https://classroom.thenational.academy/lessons/how-can-we-ensure-that-a-meal-has-the-correct-balance-of-nutritional-value-for-the-body-ctjpa</a>	<b>Properties of materials</b> <a href="https://www.youtube.com/watch?v=dG6BTfS52HE&amp;t=1s">https://www.youtube.com/watch?v=dG6BTfS52HE&amp;t=1s</a>	<b>Research</b> <a href="https://classroom.thenational.academy/lessons/design-influence-in-our-design-ideas-74t64c">https://classroom.thenational.academy/lessons/design-influence-in-our-design-ideas-74t64c</a>
<b>WB 27<sup>th</sup> Sept</b>	<b>Minimising waste</b> <a href="https://classroom.thenational.academy/lessons/minimising-waste-68vp8e">https://classroom.thenational.academy/lessons/minimising-waste-68vp8e</a>	<b>Specification</b> <a href="https://www.designoutthebox.com/specification.html">https://www.designoutthebox.com/specification.html</a>	<b>Design Ideas</b> <a href="https://classroom.thenational.academy/lessons/sketching-and-modelling-out-your-design-ideas-6crkad">https://classroom.thenational.academy/lessons/sketching-and-modelling-out-your-design-ideas-6crkad</a>
<b>WB 4<sup>th</sup> Oct</b>	<b>Food processes</b> <a href="https://classroom.thenational.academy/lessons/food-processing-and-organic-farming-6ruk4c">https://classroom.thenational.academy/lessons/food-processing-and-organic-farming-6ruk4c</a>	<b>Quality Control</b> <a href="https://design-technology.org/CDT10qualitycontrol.htm">https://design-technology.org/CDT10qualitycontrol.htm</a>	<b>Where fabrics come from</b> <a href="https://classroom.thenational.academy/lessons/fibres-to-fabric-6dj6c">https://classroom.thenational.academy/lessons/fibres-to-fabric-6dj6c</a>
<b>WB 11<sup>th</sup> Oct</b>	<b>Cooking techniques and preparing food safely</b> <a href="https://classroom.thenational.academy/lessons/cooking-techniques-and-preparing-food-safely-68r3ct">https://classroom.thenational.academy/lessons/cooking-techniques-and-preparing-food-safely-68r3ct</a>	<b>Practical in school, the world of design online</b> <a href="https://classroom.thenational.academy/lessons/the-world-of-design-60r34t">https://classroom.thenational.academy/lessons/the-world-of-design-60r34t</a>	<b>Introduction to modern textiles</b> <a href="https://classroom.thenational.academy/lessons/technical-textiles-69gp2d">https://classroom.thenational.academy/lessons/technical-textiles-69gp2d</a>
<b>WB 18<sup>th</sup> Oct</b>	<b>An introduction into what influences our food choices</b> <a href="https://classroom.thenational.academy/lessons/an-introduction-to-what-influences-our-food-choices-crtk8c">https://classroom.thenational.academy/lessons/an-introduction-to-what-influences-our-food-choices-crtk8c</a>	<b>Practical in school, designing for different lifestyles.</b> <a href="https://classroom.thenational.academy/lessons/designing-products-for-different-lifestyles-60wpcd">https://classroom.thenational.academy/lessons/designing-products-for-different-lifestyles-60wpcd</a>	<b>Design Influences</b> <a href="https://classroom.thenational.academy/lessons/how-can-designers-use-biomimicry-and-biomorphic-for-inspiration-chj62d">https://classroom.thenational.academy/lessons/how-can-designers-use-biomimicry-and-biomorphic-for-inspiration-chj62d</a>
<b>WB 25<sup>th</sup> Oct</b>	<b>Revision lesson</b> Knowledge organiser on Teams	<b>Practical in school, designing your future online</b> <a href="https://classroom.thenational.academy/lessons/designing-products-for-your-future-c9hp6r">https://classroom.thenational.academy/lessons/designing-products-for-your-future-c9hp6r</a>	<b>Revision Lesson</b> Knowledge organiser on Teams

### Year 8 Technology

Follow the link below and then click on the relevant lesson depending on the date.

	<b>Food Technology Topic and link to Oak Academy lesson</b>	<b>Resistant Materials Topic and link to Oak Academy lesson</b>	<b>Textiles Topic and link to Oak Academy lesson</b>
<b>WB 13<sup>th</sup> Sept</b>	<b>Health and safety</b> <a href="https://classroom.thenational.academy/lessons/health-and-safety-preparation-and-hygiene-cmw3er">https://classroom.thenational.academy/lessons/health-and-safety-preparation-and-hygiene-cmw3er</a>	<b>Health and safety</b> <a href="https://technologystudent.com/pdf19/safetybooklet1.pdf">https://technologystudent.com/pdf19/safetybooklet1.pdf</a>	<b>Designing for others</b> <a href="https://classroom.thenational.academy/lessons/designing-for-others-6mtk2t">https://classroom.thenational.academy/lessons/designing-for-others-6mtk2t</a>
<b>WB 20<sup>th</sup> Sept</b>	<b>Nutritional requirements for the body</b> <a href="https://classroom.thenational.academy/lessons/how-can-we-ensure-that-a-meal-has-the-correct-balance-of-nutritional-value-for-the-body-ctjpa">https://classroom.thenational.academy/lessons/how-can-we-ensure-that-a-meal-has-the-correct-balance-of-nutritional-value-for-the-body-ctjpa</a>	<b>Product analysis</b> <a href="https://www.bbc.co.uk/teach/class-clips-video/design-and-technology-ks3--gcse-why-is-testing-essential/zvrd2sg">https://www.bbc.co.uk/teach/class-clips-video/design-and-technology-ks3--gcse-why-is-testing-essential/zvrd2sg</a>	<b>Design Influences</b> <a href="https://classroom.thenational.academy/lessons/design-influence-in-our-design-ideas-74t64c">https://classroom.thenational.academy/lessons/design-influence-in-our-design-ideas-74t64c</a>
<b>WB 27<sup>th</sup> Sept</b>	<b>What influences our food choices</b> <a href="https://classroom.thenational.academy/lessons/an-introduction-to-what-influences-our-food-choices-crtk8c">https://classroom.thenational.academy/lessons/an-introduction-to-what-influences-our-food-choices-crtk8c</a>	<b>Sustainability</b> <a href="https://classroom.thenational.academy/lessons/designing-products-for-your-future-c9hp6r">https://classroom.thenational.academy/lessons/designing-products-for-your-future-c9hp6r</a>	<b>Sketching Ideas</b> <a href="https://classroom.thenational.academy/lessons/sketching-and-modelling-out-your-design-ideas-6crkad">https://classroom.thenational.academy/lessons/sketching-and-modelling-out-your-design-ideas-6crkad</a>

<b>WB 4<sup>th</sup> Oct</b>	<b>Cooking techniques and preparing food safely</b> <a href="https://classroom.thenational.academy/lessons/cooking-techniques-and-preparing-food-safely-68r3ct">https://classroom.thenational.academy/lessons/cooking-techniques-and-preparing-food-safely-68r3ct</a>	<b>Practical in school, consumer demands online</b> <a href="https://classroom.thenational.academy/lessons/how-has-technology-changed-to-meet-the-demands-of-the-consumer-6ru32d">https://classroom.thenational.academy/lessons/how-has-technology-changed-to-meet-the-demands-of-the-consumer-6ru32d</a>	<b>Modelling Ideas</b> <a href="https://classroom.thenational.academy/lessons/modelling-skills-used-in-idea-generation-6rwpct">https://classroom.thenational.academy/lessons/modelling-skills-used-in-idea-generation-6rwpct</a>
<b>WB 11<sup>th</sup> Oct</b>	<b>Dietary variety</b> <a href="https://classroom.thenational.academy/lessons/dietary-variety-70w3ed">https://classroom.thenational.academy/lessons/dietary-variety-70w3ed</a>	<b>Practical in school, New technology online</b> <a href="https://classroom.thenational.academy/lessons/what-new-technologies-are-being-developed-that-are-changing-the-way-we-live-and-work-70tkjc">https://classroom.thenational.academy/lessons/what-new-technologies-are-being-developed-that-are-changing-the-way-we-live-and-work-70tkjc</a>	<b>Prototypes</b> <a href="https://classroom.thenational.academy/lessons/production-processes-used-in-prototyping-of-design-ideas-64uk2d">https://classroom.thenational.academy/lessons/production-processes-used-in-prototyping-of-design-ideas-64uk2d</a>
<b>WB 18<sup>th</sup> Oct</b>	Designing for others <a href="https://classroom.thenational.academy/lessons/designing-for-others-6mtk2t">https://classroom.thenational.academy/lessons/designing-for-others-6mtk2t</a>	<b>Practical in school, Micro-controllers online</b> <a href="https://classroom.thenational.academy/lessons/could-you-cope-without-microcontrollers-in-your-life-6gu34r">https://classroom.thenational.academy/lessons/could-you-cope-without-microcontrollers-in-your-life-6gu34r</a>	<b>Working from a specification</b> <a href="https://classroom.thenational.academy/lessons/mass-production-of-products-6nk62d">https://classroom.thenational.academy/lessons/mass-production-of-products-6nk62d</a>
<b>WB 25<sup>th</sup> Oct</b>	<b>Revision lesson</b> Knowledge organiser on Teams	<b>Practical in school, product lifecycle online</b> <a href="https://classroom.thenational.academy/lessons/can-products-be-of-use-at-the-end-of-their-life-6dh3ac">https://classroom.thenational.academy/lessons/can-products-be-of-use-at-the-end-of-their-life-6dh3ac</a>	<b>Revision Lesson</b> Knowledge organiser on Teams

### Year 9 Technology

Follow the link below and then click on the relevant lesson depending on the date.

	<b>Food Technology</b> Topic and link to Oak Academy lesson	<b>Resistant Materials</b> Topic and link to Oak Academy lesson	<b>Textiles</b> Topic and link to Oak Academy lesson
<b>WB 13<sup>th</sup> Sept</b>	<b>Health and safety</b> <a href="https://classroom.thenational.academy/lessons/health-and-safety-preparation-and-hygiene-cmw3er">https://classroom.thenational.academy/lessons/health-and-safety-preparation-and-hygiene-cmw3er</a>	<b>Health and safety</b> <a href="https://technologystudent.com/pdf19/safetybooklet1.pdf">https://technologystudent.com/pdf19/safetybooklet1.pdf</a>	<b>The Impact of Fashion</b> <a href="https://classroom.thenational.academy/lessons/the-impact-of-fashion-65h6cd">https://classroom.thenational.academy/lessons/the-impact-of-fashion-65h6cd</a>
<b>WB 20<sup>th</sup> Sept</b>	<b>Nutritional requirements for the body</b> <a href="https://classroom.thenational.academy/lessons/how-can-we-ensure-that-a-meal-has-the-correct-balance-of-nutritional-value-for-the-body-ctjpa">https://classroom.thenational.academy/lessons/how-can-we-ensure-that-a-meal-has-the-correct-balance-of-nutritional-value-for-the-body-ctjpa</a>	<b>Scale of production</b> <a href="https://www.stem.org.uk/resources/collection/443805/scales-production">https://www.stem.org.uk/resources/collection/443805/scales-production</a>	<b>Modification of Materials</b> <a href="https://classroom.thenational.academy/lessons/modification-of-materials-60ukjr">https://classroom.thenational.academy/lessons/modification-of-materials-60ukjr</a>
<b>WB 27<sup>th</sup> Sept</b>	<b>What influences our food choices</b> <a href="https://classroom.thenational.academy/lessons/an-introduction-to-what-influences-our-food-choices-crtk8c">https://classroom.thenational.academy/lessons/an-introduction-to-what-influences-our-food-choices-crtk8c</a>	<b>ACCESS FMM</b> <a href="https://classroom.thenational.academy/lessons/how-can-materials-be-tested-to-check-they-are-fit-for-purpose-and-then-applied-to-a-design-cdhk0c">https://classroom.thenational.academy/lessons/how-can-materials-be-tested-to-check-they-are-fit-for-purpose-and-then-applied-to-a-design-cdhk0c</a>	<b>Fibres to fabrics</b> <a href="https://classroom.thenational.academy/lessons/fibres-to-fabric-6djk6c">https://classroom.thenational.academy/lessons/fibres-to-fabric-6djk6c</a>
<b>WB 4<sup>th</sup> Oct</b>	<b>Cooking techniques and preparing food safely</b> <a href="https://classroom.thenational.academy/lessons/cooking-techniques-and-preparing-food-safely-68r3ct">https://classroom.thenational.academy/lessons/cooking-techniques-and-preparing-food-safely-68r3ct</a>	<b>Designing through Tinkercad</b> <a href="https://www.tinkercad.com/join">https://www.tinkercad.com/join</a>	<b>Technical Textiles</b> <a href="https://classroom.thenational.academy/lessons/technical-textiles-69gp2d">https://classroom.thenational.academy/lessons/technical-textiles-69gp2d</a>
<b>WB 11<sup>th</sup> Oct</b>	<b>Designing for a clients need</b> <a href="https://classroom.thenational.academy/lessons/when-designing-a-chilled-ready-meal-what-client-needs-should-you-be-aware-of-cmvp6d">https://classroom.thenational.academy/lessons/when-designing-a-chilled-ready-meal-what-client-needs-should-you-be-aware-of-cmvp6d</a>	<b>Modelling on Tinkercad, creating toothbrush</b> <a href="https://www.tinkercad.com">https://www.tinkercad.com</a>	<b>The true cost of fashion</b> <a href="https://classroom.thenational.academy/lessons/true-cost-of-fashion-what-fabrics-do-we-have-in-the-home-c8u32r">https://classroom.thenational.academy/lessons/true-cost-of-fashion-what-fabrics-do-we-have-in-the-home-c8u32r</a>
<b>WB 18<sup>th</sup> Oct</b>	<b>Analysing and developing meals</b> <a href="https://classroom.thenational.academy/lessons/how-to-analyse-and-develop-a-dish-for-a-ready-meal-6rr66t">https://classroom.thenational.academy/lessons/how-to-analyse-and-develop-a-dish-for-a-ready-meal-6rr66t</a>	<b>Thermoplastics</b> <a href="https://www.bbc.co.uk/bitesize/clips/z869wmn">https://www.bbc.co.uk/bitesize/clips/z869wmn</a>	<b>Designing for others</b> <a href="https://classroom.thenational.academy/lessons/designing-products-for-different-lifestyles-60wpcd">https://classroom.thenational.academy/lessons/designing-products-for-different-lifestyles-60wpcd</a>
<b>WB 25<sup>th</sup> Oct</b>	<b>Revision lesson</b> Knowledge organiser on Teams	<b>Product impact</b> <a href="https://www.stem.org.uk/elibrary/resource/30109">https://www.stem.org.uk/elibrary/resource/30109</a>	<b>Revision Lesson</b> Knowledge organiser on Teams