

3AB & Y7 Home Learning – 12th Oct to 25th Oct 2026

<u>English</u> If I could invent anything... Design an invention that would make life easier, more fun or solve a problem. Challenge Explain one problem your invention might create. Persuade investors why they should fund your invention. Success Criteria Explain clearly Use precise vocabulary Engage the reader	<u>Maths</u> Design a Dream Bedroom Design your ideal bedroom using measurements and a scale drawing. Include: • Room dimensions • Furniture sizes • Labels Challenge Calculate how much floor space is left after all the furniture has been placed. Success Criteria Measure accurately Use a scale Calculate the perimeter and area
<u>Science</u> The Survival Challenge Imagine you are stranded on a desert island. Which five items would be most useful from a scientific point of view? Challenge Rank your items from most important to least important. Explain which item you could not survive without. Success Criteria Choose five items Explain your reasoning scientifically Consider survival needs	<u>Humanities</u> The Perfect Settlement (Geography) Design the perfect place for people to live. Think about: • Jobs • Transport • Housing • Services Challenge Explain how your settlement could be made environmentally friendly. Success Criteria Explain your choices Use geographical vocabulary Consider people's needs
<u>PFA</u> Cleaning my bedroom Spend 15 minutes tidying or cleaning your bedroom Challenge Help someone else tidy another room in your home <u>Monotropic Minds (this can take more than two weeks if you want)</u> Make a PowerPoint presentation or poster (using Canva or draw it yourself) about one of your interests. Challenge Find out some interesting facts about one of your interests and make a presentation or poster about it.	