

# LUNCH TIME TECH CLUB ACTIVITIES

## Projects



### Project Based Activities

Activity Number	Target Audience	Theme	Name & Description of Activity	Resources	Links
1.	<b>Grade Levels:</b> 2 & and above <b>Age Range:</b> 8+	Stop Motion	<b>Let me Entertain You</b> Create a stop motion story.	<ul style="list-style-type: none"><li>• Design Brief to do list</li><li>• Storyboard</li></ul>	Stop motion Studio
2.	<b>Grade Levels:</b> 2 & and above <b>Age Range:</b> 8+	3D Town Planning	<b>Remix Melbourne</b> Use the Minecraft Melbourne to remix/redesign Melbourne city.	<ul style="list-style-type: none"><li>• Minecraft</li></ul>	<a href="https://metrotunnel.vic.gov.au/library/resources-for-teachers/minimelbourne">https://metrotunnel.vic.gov.au/library/resources-for-teachers/minimelbourne</a>
3.	<b>Grade Levels:</b> 2 & and above <b>Age Range:</b> 8+	Podcast	<b>ACS Podcast Series</b> Create a selection of podcasts. Tech Explorers to decide what tech topics they want to discuss.	<ul style="list-style-type: none"><li>• Podcast Software</li></ul>	<a href="https://www.melbourne.vic.gov.au/community/hubs-bookable-spaces/the-dock/library-at-the-dock/Pages/editing-suite-and-recording-studio.aspx">https://www.melbourne.vic.gov.au/community/hubs-bookable-spaces/the-dock/library-at-the-dock/Pages/editing-suite-and-recording-studio.aspx</a>
4.	<b>Grade Levels:</b> 3 & and above <b>Age Range:</b> 9+	Augmented Reality	<b>What is real and what is not</b> Experiment with augmented reality	<ul style="list-style-type: none"><li>• Augmented reality App</li><li>• VR Goggles</li></ul>	
5.	<b>Grade Levels:</b> 3 & and above <b>Age Range:</b> 9+	App Design	<b>App Creation</b> Create an app	<ul style="list-style-type: none"><li>• Design Brief to do list</li><li>• Storyboard</li></ul>	

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6.	<b>Grade Levels:</b> 5 & 6 and above <b>Age Range:</b> 11+	VR Creation Experience	<b>Where is the world are you?</b> Create and develop a program to use with the VR goggles	<ul style="list-style-type: none"> <li>VR software</li> </ul>	<a href="https://uxdesign.cc/a-quick-guide-to-creating-a-vr-experience-70eab15ad482">https://uxdesign.cc/a-quick-guide-to-creating-a-vr-experience-70eab15ad482</a>  <a href="https://www.freecodecamp.org/news/how-to-make-a-360-vr-app-with-unity-51cbe41ad8f1/">https://www.freecodecamp.org/news/how-to-make-a-360-vr-app-with-unity-51cbe41ad8f1/</a>
7.	<b>Grade Levels:</b> 5 & 6 and above <b>Age Range:</b> 11+	Augmented Reality Game	<b>A Whole New World</b> Users need to have an understanding of augmented reality before pursuing this activity. Users create their own VR environment activity	<ul style="list-style-type: none"> <li>Software to create VR environment</li> <li>Design Storyboard</li> <li>VR Goggles</li> <li>Examples of VR environments</li> </ul>	<a href="https://uxdesign.cc/a-quick-guide-to-creating-a-vr-experience-70eab15ad482">https://uxdesign.cc/a-quick-guide-to-creating-a-vr-experience-70eab15ad482</a>  Simplified software to use.
8.	<b>Grade Levels:</b> 5 & 6 and above <b>Age Group:</b> 11+	Website Design	Design and create a website	<ul style="list-style-type: none"> <li>Google Suite</li> <li>Weebly</li> <li>Wix</li> </ul>	
9.	<b>Grade Levels:</b> 5 & 6 and above <b>Age Range:</b> 11+	Artificial Intelligence	<b>Avatars</b> Create their own talking avatars	<ul style="list-style-type: none"> <li>Voki</li> <li>Tellagmi</li> <li>Talking Avatar Lite</li> </ul>	<a href="https://www.voki.com/">https://www.voki.com/</a> <a href="https://telligami.com/">https://telligami.com/</a> <a href="https://apps.apple.com/us/app/my-talking-avatar-free/id933034219">https://apps.apple.com/us/app/my-talking-avatar-free/id933034219</a> (free version)
10.	<b>Grade Levels:</b> 5 & 6 and above <b>Age Range:</b> 11+	3D Printing	<b>Big Things Come In Little Packages</b> Design and make something useful that is s small enough to fit in your pocket.	<ul style="list-style-type: none"> <li>Tinker Cad</li> </ul>	<a href="https://www.tinkercad.com/">https://www.tinkercad.com/</a>