|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Curriculum Descriptor | **Year 7** | **Year 8** | **Year 9** | **Year 10** |
| **Technologies and Society** | Look at and choose important things like how people feel, being fair, money, and taking care of nature when making new things that help our community in the future | Think about and decide which things are most important, like what's right, money, and taking care of our planet, when creating new inventions for the better future of our community | Think deeply about things like how people feel, what's right, and taking care of the Earth when studying how to make things better for the world. Also, understand the tricky steps in designing and creating these things | Really explore and understand things like how people feel, what's fair, and protecting the planet when studying how to make things better for the world on a global scale. Also, become an expert in the complicated steps involved in designing and making these things. |
| **Investigating** | Check what we need or what's a good idea to create something, and then look at and choose different things like stuff, parts, tools, and how to do it, to come up with ideas for making things. | Review what we need or the best ideas to make a plan, and then explore and pick from a more advanced set of things like materials, systems, parts, tools, and ways to do it, to come up with ideas for creating things | Look closely at what we need or when there's a chance to create plans, and explore and pick better and smarter things like materials, systems, parts, tools, and gear to come up with ideas for creating things. | Examine carefully what's required or when there's an opportunity to create detailed plans, and investigate and choose from a more advanced set of things like materials, systems, parts, tools, and equipment to come up with innovative ideas for creating things. |
| **Generating** | Make, come up with, and try out ideas, plans, and steps using the right words and tools, including drawing pictures, to show how things will work. | Create, improve, and experiment with ideas, plans, and steps using the correct words and tools, like drawing pictures, to explain how things will function better | Use creative thinking, come up with new ideas, be innovative, and use your skills to make and share better design ideas. | Apply your creative thinking, come up with inventive ideas, be highly innovative, and use your skills to develop, change, and explain even more advanced design ideas. |
| **Producing** | Properly and safely work with many different things like materials, parts, tools, and ways to make things to create solutions that we've planned. | Skillfully and safely handle a wide variety of stuff, parts, tools, and methods to produce solutions as per our plans. | Adapt and use different tools and methods safely to try out, choose, explain, and make the right solutions as planned. | Be flexible in using various tools and techniques safely to test, select, provide reasons for your choices, and create designed solutions as per your plans. |