

# Future City Syllabus 2022-23

St Hugh Catholic School

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## **Future City:**

Future City uses the engineering design process as a framework to guide students through the creation of their cities. Within this framework, students apply specific project management methods to keep their projects on track. This structure gives students a real-world learning experience they can apply to future challenges in school, work and life.

Future City program and this year's theme: TBA

Participants complete five deliverables: a 1-500 word city essay; a scaled city model from recycled materials; a project plan; a 7 minute presentation; and a 10 min Q & A session with a panel of judges at Regional Competitions online in January. Regional winners represent their region at the Finals in February.

After completing Future City, student participants are not only prepared to be citizens of today's complex and technical world, but also poised to become the drivers of tomorrow.

Future City is an engaging way to build students' 21<sup>st</sup> century skills. Students participating in Future City:

- Apply math and science concepts to real-world issues
- Develop writing, public speaking, problem solving, and time management skills
- Research and propose solutions to engineering challenges
- Discover different types of engineering and explore careers options
- Learn how their communities work and become better citizens
- Develop strong time management and project management skills