Trinity Academy are full of bright ideas

A big well done to pupils at Trinity Academy who are the Shell Bright Ideas Scottish Winners for the second year in a row.

Five S3 pupils worked with their teacher Florence Donaldson during the coronavirus lockdown to put together a proposal for Café Earth – a solution to make our cities cleaner and more energy efficient.

This was so outstanding to the judges that they named the Trinity Academy team as winners. The prize is £4,000 for the school to bring technology lessons to life along with the pupils' STEM themed prize packs helloing them learn ore about science technology and engineering.

The team is made up of Ada Hayden-Joiner, Ava McKie, Cara Burnet, Iris Hughes and Rachel Baxendale and they all worked tirelessly on the proposal which you can read in full below.

Their idea revolves around the growing population on earth which will rise to 9 billion in 2050 and a need for half as much more energy than we have today. The team researched sourcing food in a sustainable manner and used all their subjects as well as creative thinking and problem solving skills to develop a solution.

- *Cafe Earth will benefit everyone in the community, including families, teens, students and the elderly.*
- *The café will sell healthy affordable options.*
- *The greenery around our café from our farms will provide*

short-term clean air. The plants will change the carbon dioxide we exhale into fresh oxygen.

  - *Our café will not contribute to harmful greenhouse gases.*
  - *Not using fossil fuels will reduce carbon and make long term clean air.*
  - *Café Earth will also help businesses in the area; products and from local businesses will be sold in the shop and produce we cannot grow ourselves will be bought from nearby farms.*
  - *A part of our profits will feed back to community charities.*

The Bright Ideas Challenge, which is organised by Shell, invited students to imagine what the world will be like in 30 years' time, and to put their science, technology, engineering and maths skills to work to put together a proposal that would make the world a better place to live.

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