

Sustainable Food Production Year 4

Students in year 4 at Parramatta Public School investigated sustainable food production practices. The unit built on prior learning in HSIE around the impact of humans on the environment. Students used the engineering design process to identify a problem, brainstorm solutions and prototype and refine designs. Students worked in small groups within each classroom space. There were 5 classes in total. Each class worked on a different solution including aquaponics, hydroponics and digital solutions. Lessons were delivered in class during three 1 hour dedicated STEM sessions each week.

Science and technology outcomes	ST2-1WS-S ST2-2DP-T	ST2-5LW-T	
Mathematics outcomes	MA2-3WM MA2-2WM	MA2-9MG MA2-11MG	MA2-16MG MA2-18SP

Statement of impact

The impact of the initiative was to build teacher confidence in implementing STEM successfully and fine tuning the programming of STEM to incorporate other KLAs. Teachers will continue to implement STEM, armed with the skills to achieve success.

For more information

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