

Materials Technologies Factsheet



HENLEY
HIGH SCHOOL



Materials Technologies is designed for students with an interest in Wood, Metal and Plastics Technology. Students develop a range of fundamental skills and knowledge using a variety of tools and equipment.

Students gain an understanding of a range of production processes and workshop procedures, underpinned with a strong focus on work safety.

Materials Technologies has strong pathways into many sectors of industry. Henley High School in association with the Building and Construction Industry and the Civil Construction Industry aims for students to learn and develop fundamental skills to develop future industry opportunities. This includes enabling students to make informed choices around transitioning into a Certificate II Trade Training program.

Topics include:

- /// Carpentry and Construction
- /// Paving and Landscaping
- /// Safe operation of a range of associated plant, machinery and power tools
- /// WHS in the work place
- /// Industry site visits

Subjects

- /// Design, Technology and Engineering
- /// Wood Technology and Metal Technology
- /// Wood Technology and Plastics Technology
- /// Construction Pathway Focus: Civil and General Construction
- /// Construction Pathway Focus: Electrical, Refrigeration and Metal Engineering

- /// Metal Technology
- /// Wood Technology
- /// Metal Engineering
- /// Furniture Construction
- /// Construction Pathway

Skills and knowledge gained

Students are assessed against the Australian Curriculum Design and Technology achievement standards. Involves assessment of:

- /// Research assignments
- /// Designing
- /// Practical skills

Career and further education opportunities

- /// Construction
- /// Carpentry
- /// Civil
- /// Engineering
- /// Metal Work and Fabrication
- /// Maritime Industries and Ship building

More information

For more information about Materials Technologies at Henley High School, please contact Kate Meakins at kate.meakins@henleyhs.sa.edu.au.