

Supporting all learners

We develop syllabuses that are inclusive of the learning needs of all students, to ensure opportunities to access and progress through the NSW curriculum.



Teachers should make decisions about learning goals and curriculum options for your child together with you, their caregiver. Find out more by scanning the QR code or visiting curriculum.nsw.edu.au/about-the-curriculum/diversity-of-learners

Aboriginal students

For success at school, teachers should support students to maintain and further develop their Cultural identities by building on their understanding of students' Cultural and Community needs, and respect for Aboriginal Cultural Knowledge.

Parents and carers, families and Aboriginal Communities are important partners in teaching and learning about Aboriginal and/or Torres Strait Islander Cultures, Histories and Languages.

EAL/D students*

Communicating, reading and writing in their home language or dialect can help EAL/D students to develop proficiency in Standard Australian English and to learn subject content.

Gifted and talented students

Gifted students and students with high ability or talent in a subject can be challenged by diving deeper into content within and across subjects.

Students with disability

Schools are obligated to provide reasonable adjustments for students with disability. If your child has a disability, speak to your school about the different options for accessing the curriculum, including accessing Life Skills courses.

*Students learning English as an additional language or dialect



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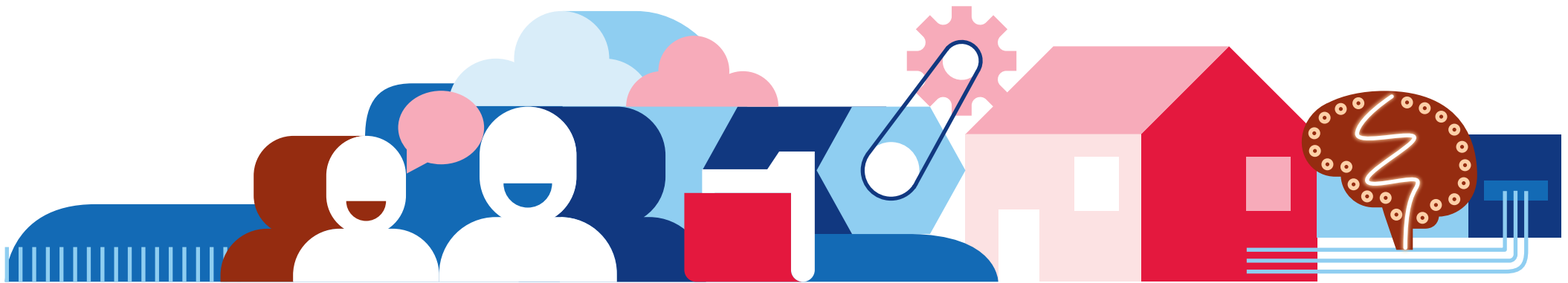
A parent and carer guide
to supporting your child in

Software Engineering 11–12





You have an important role in supporting your child at home in their learning.



What will my child learn?

Your child can develop knowledge and understanding of software engineering, hardware and software integration, and the development, implementation and evaluation of computer programs, through the areas of:

- Programming fundamentals
- The object-oriented paradigm
- Programming mechatronics
- Secure software architecture
- Programming for the web
- Software automation
- Software engineering project.

How will my child benefit?

The study of Software Engineering 11–12 can benefit your child by helping them to:

- develop knowledge and understanding of software engineering, hardware and software integration
- develop, implement and evaluate computer programs
- design and develop creative software solutions
- take on careers as a software engineer, designer or developer.

What can I do to help?

You can help your child at home by:

- maintaining a safe, secure online environment at home
- reinforcing appropriate online behaviour about the use of data
- reminding them about the protection of their own data and the data of others
- asking them to show you some of their programming solutions and to explain how they work
- being a user tester for some of their programming solutions and providing feedback.