

ACS Computer Education in Australian Schools Survey 2020



Combined Schools – P/K/F to Year 10/12

Please note: The numbering in this document may be different to that in the online survey depending on your responses as indicated by the skip logic.

Section 1 - General information

1. In which State or Territory is your school located?

2. Select the category that best describes your school.
 - Government/public
 - Independent
 - Catholic
 - Other (please specify)

3. Which best describes your school's geographic location?
 - Capital city/urban (>1,000,000 population)
 - Regional city/large town (100,000 - 1,000,000 population)
 - Rural – medium town (10,000 – 100,000 population)
 - Rural – small town (< 10,000 population)
 - Remote

4. What is the student population of your school?
 - 1 - 500
 - 501 - 1,000
 - 1,001 - 1,500
 - 1,501 - 2,000
 - 2,001 - 3,000
 - > 3,000

5. How many teachers are employed at your school (approximate Full Time Equivalent)?
 - 1 - 25
 - 26 - 50
 - 51 - 100
 - 101 - 150
 - 151 - 200
 - > 200

Section 2 - Curriculum

6. Which Digital Technologies/IT curriculum is taught at your school?

Please select as many as apply.

- Digital Technologies ACARA National Curriculum
- Digital Technologies State/Territory Curriculum
- International Bacculaureate
- Vocational Education and Training (VET) – Years 10, 11 & 12 only
- Other (please specify)

7. Are you aware of the difference between the Digital Technologies subject and ICT capabilities?

- Yes
- No

8. Approximately what proportion of teachers in your school understand the difference between Digital Technologies/IT curriculum and ICT capabilities?

- < 25%
- 25 - 50%
- 51 - 75%
- > 75%

9. In your school, is the Digital Technologies/IT curriculum (state or national) taught and assessed as a separate subject, or is it integrated into other subjects?

Please select as many as apply.

	Separate Subject	Integrated into other Subjects	Not taught at this year level
P/K/F – Year 2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Years 3-4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Years 5-6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Years 7-8	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Years 9-10	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Years 11-12	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

10. Referring to the previous question. If the Digital Technologies curriculum is taught in an integrated fashion with other subjects, please select those subjects.

Please select as many as apply

- Maths
- Science
- English
- Humanities
- Arts (Media Arts, Visual Arts, Music etc)
- Languages
- Health & Physical Education/Sport
- Other (please specify)

11. Do any of your students enrol in Vocational Education and Training qualifications in the ICT training package?

- Yes
- No (*skip to 14*)

12. What type of Registered Training Organisation (RTO) is used?

- External RTO
- School is the RTO
- Other (please specify details about the RTO)

13. What VET qualification/s from the ICT training package is delivered?

Please select as many as apply.

- Certificate I in Information, Digital Media and Technology
- Certificate II in Information, Digital Media and Technology
- Certificate III in Information, Digital Media and Technology
- Certificate IV in Information, Digital Media and Technology
- Other (please specify)

14. Please list any school-developed computer-based subjects being delivered in Years 11 – 12 i.e. any that are not from your State Curriculum Authority or a Vocational Education and Training qualification.

Leave blank if not applicable.

15. Does the school promote Year 11 and 12 Digital Technologies/IT subjects or courses?

- Yes
- No

16. Is student interest in Digital Technologies/IT subjects or courses in Years 11 and 12

- increasing
- decreasing
- staying fairly constant

17. Approximately what percentage of senior students go on to study Digital Technologies/IT related fields at tertiary level?

- < 25%
- 25 – 50%
- 51 – 75%
- > 75%
- Unsure

18. Approximately how much time (hours/week) is available to teach any Digital Technologies (or ICT or IT) curriculum in each year?

	0 – 1 hours	1 – 2 hours	2 - 4 hours	4 – 6 hours	> 6 hours
P/K/F – Year 2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Years 3-4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Years 5-6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Years 7-8	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Years 9-10	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Years 11-12	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Section 3 - Access to Equipment

19. Is the school running a Bring Your Own Device (BYOD) program?

- Yes
- No (*skip to 21*)

20. For which years is the BYOD program in place?

- P/K/F – Year 2
- Years 3-4
- Years 5-6
- Years 7-8
- Years 9-10
- Years 11-12

21. What types of digital devices are used at school by students in different year levels?

Please select as many as apply.

	Tablet	Laptop	Desktop	Mobile	NA
P/K/F – Year 2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Years 3-4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Years 5-6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Years 7-8	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Years 9-10	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Years 11-12	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

22. For which year levels are mobile phone currently banned in your school?

- None
- Banned in all Years (*skip to 24*)
- If not banned in all Years, please list the Years for which mobile phone are banned. (*skip to 24*)

23. Have there been discussions around banning mobile phones in the future?

- Yes
- No
- Unsure

24. Approximately how many students are there per computer (including BYOD) in your school?

25. What emerging/disruptive technologies are utilised in the school?

Please select as many as apply.

- Artificial intelligence
- Blockchain
- Cloud Computing
- Drones
- 3D printing
- Robotics
- The Internet of Things
- Virtual reality/augmented reality
- Wearable technology
- None/Not applicable

26. To what extent are digital technologies and equipment used as tools across the curriculum and across different year levels in your school?

- Extensively
- Moderately
- Somewhat
- Not at all

27. For each relevant year group, please list three software programs/tools (or websites) students use most in their in their learning over the entire year.

P/K/F - Year 2

Years 3-4

Years 5-6

Years 7-8

Years 9-10

Years 11-12

28. When accessing resources online . . .

	Extremely	Moderately	Somewhat	Not at all
How successful is internet enabled learning?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
How reliable is the internet connection?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

29. Is Cyber Safety taught in your school?

- Yes (*go to 30*)
- No (*go to 31*)

30. In your opinion, is the teaching of Cyber Safety in your school effective?

- Yes
- No

Comment:

31. Please explain why Cyber Safety is not taught (if known).

Section 4 – Staff

32. Approximately what proportion of Digital Technologies/IT teachers are teaching outside their area of expertise (without formal qualifications in that subject)?

	<25%	25 – 50 %	51 – 75%	> 75%	NA
P/K/F – Year 2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Years 3-4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Years 5-6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Years 7-8	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Years 9-10	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Years 11-12	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

33. What is the main proficiency of those teaching Digital Technologies/IT out of area?

Please select as many as apply.

- Maths
- Science
- English
- Humanities
- Arts (Media Arts, Visual Arts, Music etc)
- Languages
- Health & Physical Education/Sport
- General teacher (Primary)
- Other (please specify)

34. What Digital Technologies/IT qualifications are held by Digital Technologies/IT?

Please select as many as apply. Leave blank if no qualifications are held.

	Industry Certificate	Certificate	Diploma	Bachelor	Master	NA
P/K/F – Year 2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Years 3-4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Years 5-6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Years 7-8	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Years 9-10	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Years 11-12	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please provide any relevant, additional details

35. On average, aside from formal qualifications, how do teachers of Digital Technologies/IT in each year rate their expertise?

	Low	Moderate	Proficient	Not sure
P/K/F – Year 2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Years 3-4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Years 5-6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Years 7-8	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Years 9-10	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Years 11-12	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

36. On average, aside from formal qualifications, how do teachers of Digital Technologies/IT in each year rate their passion?

	Low/not passionate	Moderately passionate	Very passionate	Not sure
P/K/F – Year 2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Years 3-4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Years 5-6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Years 7-8	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Years 9-10	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Years 11-12	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

37. On average, approximately how much specific professional development related to the Digital Technologies/IT curriculum is provided to teachers in each year?

	None	1 - 5 hours/year	6 - 10 hours/year	>10 hours/year
P/K/F – Year 2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Years 3-4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Years 5-6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Years 7-8	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Years 9-10	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Years 11-12	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

38. How are Digital Technologies/IT curriculum related professional development opportunities decided on in your school, and by whom?

39. What support is available to Digital Technologies/IT teachers to build expertise and confidence?
Please select as many as apply.

- Demonstration lessons by a more experienced teacher (live or videos)
- Team teaching with a more experienced teacher
- Weekly school-based professional learning sessions
- Working with school-based coaches/mentors
- Working with external coaches/mentors
- Participation in online courses or webinars by external facilitators
- Participation in face to face professional learning sessions with external facilitators
- Other (please specify)

40. Is the school using any research/data to inform the teaching of Digital Technologies/IT?

- Yes
- No

41. In your opinion, what value does your school's leadership place on Digital Technologies/IT curriculum?



42. Is there a Digital Technologies/IT curriculum expert on the school leadership team?

- Yes
- No
- Unsure

43. Approximately what percentage of the school's professional development budget is allocated to support of Digital Technologies/IT teacher training?

- None
- 1 - 5%
- 6 - 10%
- 11-20%
- >20%

44. Are any teachers members of a professional association linked specifically to Digital Technologies/IT education?

- Yes
- No (*skip to 47*)
- Unsure (*skip to 47*)

45. How many teachers are members of such professional associations?

- 1 - 5
- 6 - 10
- > 10

46. Please list these professional associations.

Section 5 – Reporting to Parents/Guardians

47. For each year, do parents/guardians currently receive reports on their students' achievements in Digital Technologies/IT and are these arrangements likely to change in the next 2 years?

	Current reporting to parents/guardians	Likely to change in next 2 years	Not Sure
P/K/F – Year 2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Years 3-4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Years 5-6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Years 7-8	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Years 9-10	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Years 11-12	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

48. Has the school surveyed parents/guardians regarding their attitudes to the Digital Technologies/IT curriculum in the last 2 years?

- Yes (*skip to 50*)
- No

49. Are there plans to survey parents/guardians regarding their attitudes to the Digital Technologies/IT curriculum?

- Yes
- No

50. Does the school educate parents/guardians about any aspect of Digital Technologies/IT?

- Yes
- No (*skip to 53*)

51. Please indicate the specific areas of Digital Technologies/IT that parents/guardians are educated on

52. Please give your opinion on how successful this education has been.

- Very successful
- Moderately successful
- Not very successful

Section 6 - Additional information

Please note: No participant in the survey, will be identified in any report or publication and details supplied will not be used for any other purpose unrelated to the survey.

53. Is there any other information that you would like to provide for this survey?

54. If you would like to be contacted regarding the progress/results of this survey, please provide your

Name:

School:

Email address:

SUBMIT

ACS would like to thank you for your time.

We hope this survey will assist to inform decisions and motivate policy regarding Digital Technologies/IT education and teaching in Australian schools.

To continue the conversation and explore ACS' Digital Technologies resources head to www.acs.org.au/ict-educators.html

Contact Education@acs.org.au for additional information.