

Australian Curriculum V9.0

Data representation

Years 7–8

I can show how whole numbers are expressed in binary (zeros and ones), so that different data can be stored and used in digital systems.

Years 9–10

I can demonstrate how plain text content is stored independently of its structure and styling. I can explore ways of compressing data.



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How data is represented and structured symbolically for storage and communication by people and digital systems

ACARA, 2022



For suggested resources



https://bit.ly/ DataRepYears9and10



styling

font-family: ... font-size: ... colour: ...





Students represent documents as content, structure and presentation ... explain how digital

Represent documents online as content (text), structure (markup) and presentation (styling) and explain why such representations are important | Digital Technologies AC9TDI10K02 Investigate simple data compression techniques | Digital Technologies AC9TDI10K03