Ensuring the next generation of AI specialists

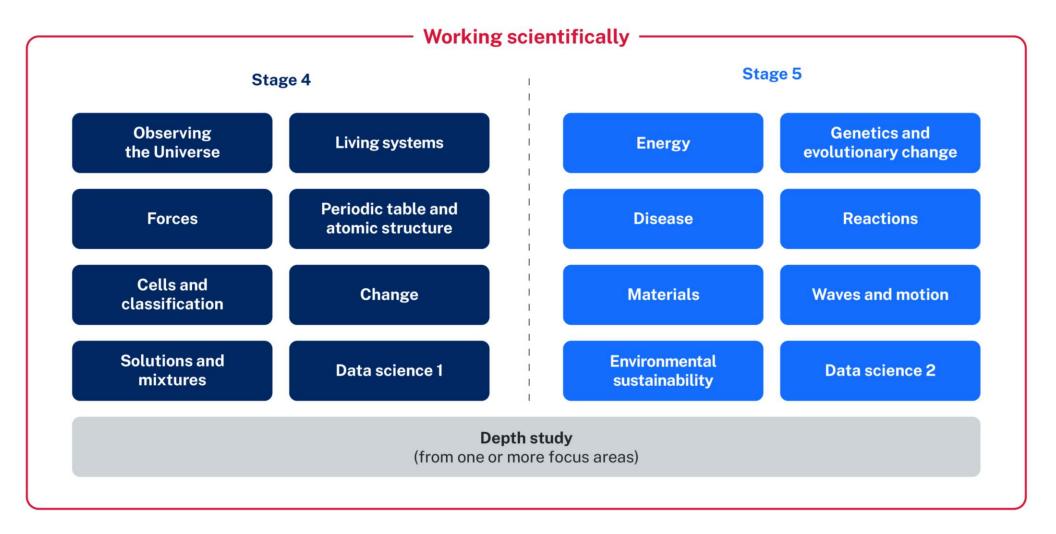
Data science for high school science teachers

Lauren McKnight

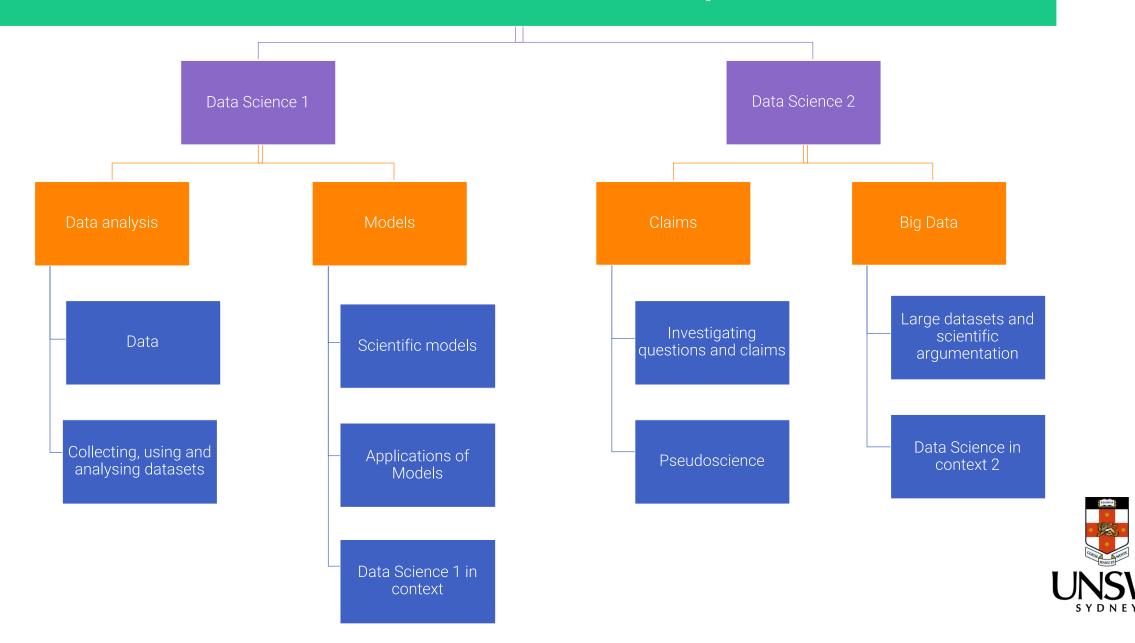
SciX Discovery Program, UNSW



New NSW 7-10 Science syllabus for implementation 2026



Data Science in the new 7-10 syllabus

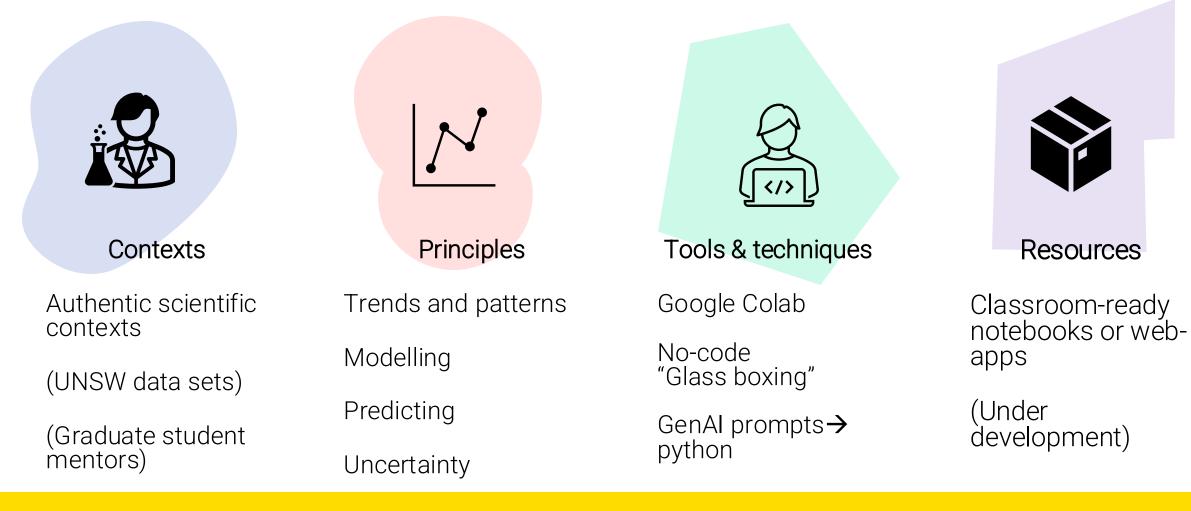


SciX Discovering Data Teacher Professior Development

- Building bridges
 - Collaboration
 - Iteration
 - Generative Al
- Course outline
 - Data Science: What? How? and also, Why?
 - Interactive Computer Labs
 - Visualising and analysing data
 - Data Modelling
 - Analysing Large Data Sets



SciX Discovering Data





Outcomes and opportunities

Building a Talent Pipeline	Community Impact	Amplifying Research	Stay abreast of changes
 Preparing students who will be future data scientists. 	 Knowledge translation to improve educational outcomes equitably. 	 Integrates UNSW datasets into classrooms, showcasing relevance. 	 Changes in school syllabus impact course readiness and student engagement

Collaborate with us:

- Authentic datasets to showcase research
 - Simple univariate and bivariate relationships
 - Basic predictive models
 - "Data stories"

Email: scix@unsw.edu.au



The SciX Discovery Program Core Team

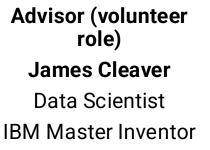




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