Data: The vital ingredient

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Data is to a digital information solution as meat is to a savoury pie. You can’t create a digital solution unless you input data into a digital system, manipulate or process it following a plan or design in order to create desired output. Similarly, the correct combination and balance of ingredients need to be manipulated using appropriate techniques in order to successfully produce a dish.

Data is integral to every band of learning in the Digital Technologies curriculum. This session explores why it is important for students to understand the features of different types of data and how data can be manipulated, stored, communicated, acquired, protected and represented. Through presentation and small activities, the role of data in this curriculum will be explored, with examples provided for each band of learning.

This session is suitable for teachers of Foundation to Year 10 as the activities will be aligned to the different bands of learning.