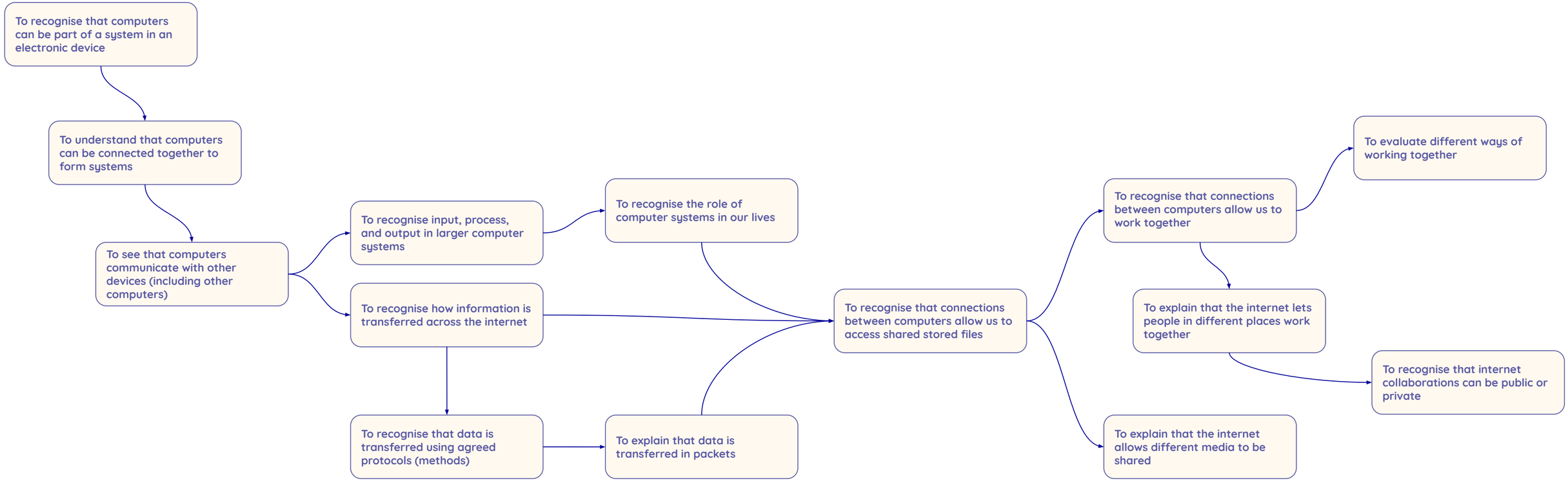
National Centre for Computing Education

Learning graph
Year 5 – Sharing information



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National Centre for Computing Education

Raspberry Pi

Learning graph
Year 5 – Creating media – Video editing

Develop

- To recognise video as moving pictures that can be combined with audio
- To review existing video content
- To identify the key concepts of composition
- To plan a video production using a storyboard
- To recognise that some digital devices can capture video using a camera
- To recognise that video can be captured by a person operating a camera
- To recognise that video can be captured automatically (eg, a wildlife camera)
- To review captured video
- To identify the features of a good video
- To identify how a video can be improved
- To recognise that video can be improved through editing
- To consider the results of choices made

To use a recording device and a computer to make a video

To capture video

- To hold the device safely in landscape orientation
- To pan left and right or tilt up and down
- To focus, zoom, and compose (see Y4 unit 'Photo editing')
- To use techniques to create specific effects
- To locate the function on the device to record video
- To press the start/stop button to end recording

To play back video

- To locate video captured on a device
- To play back video

To edit video

- To select a section of video
- To apply effects to a section of video
- To delete a section of video
- To split a section of video
- To crop a section of video

To save and export a video file

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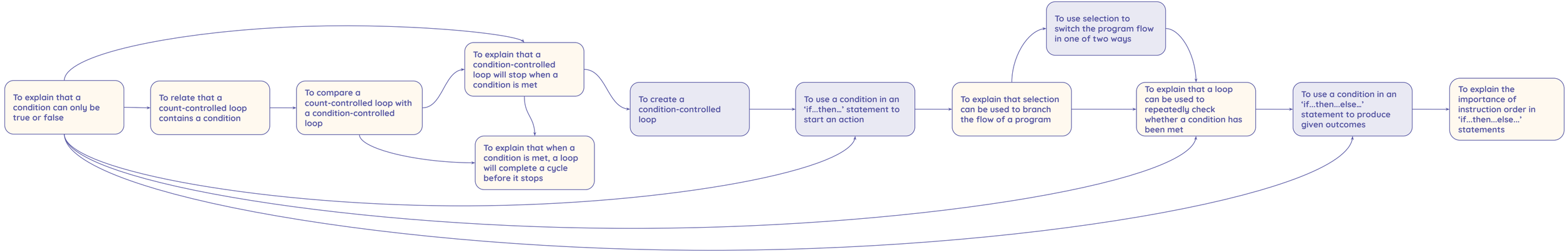
Raspberry Pi

Learning graph
Year 5 – Selection in physical computing



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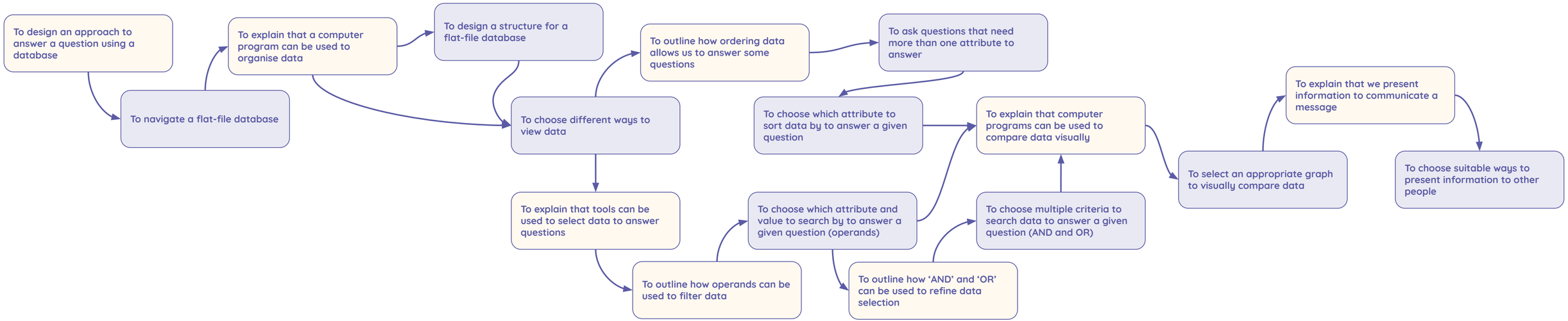
Learning graph
Year 5 – Databases



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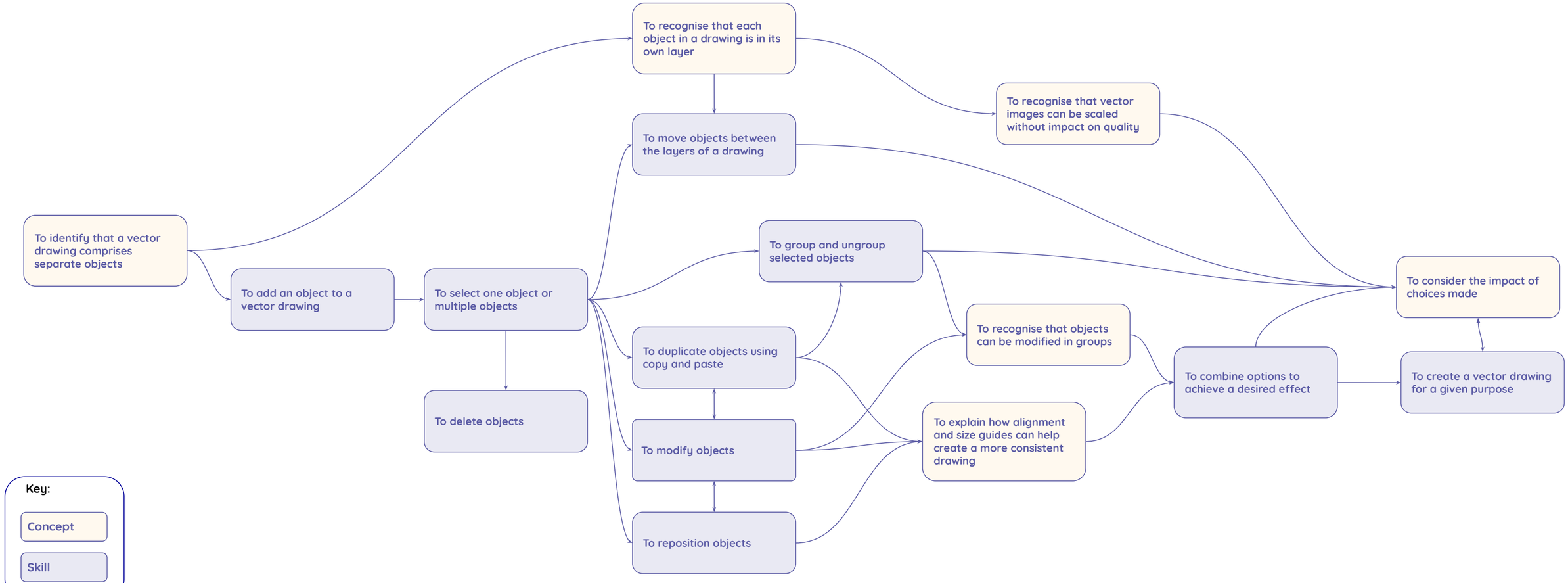
Raspberry Pi

Learning graph
Year 5 – Vector drawing



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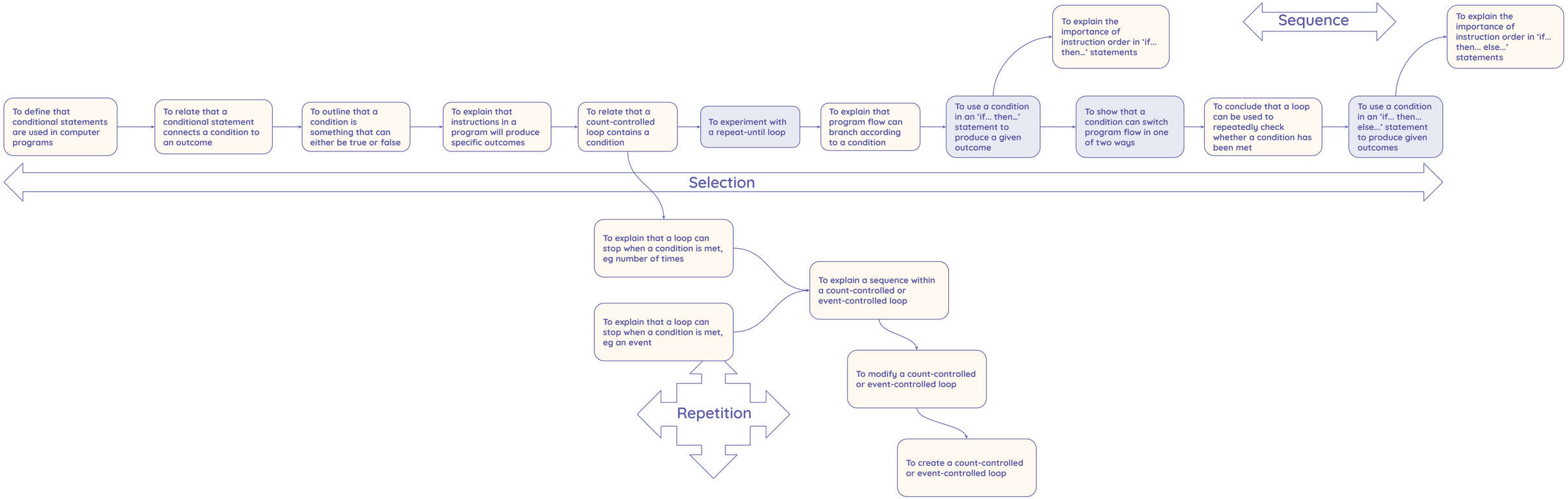
Learning graph
Year 5 – Selection in quizzes



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