



DigiTech Scheme of Work

Unit 5.7 – Concept Maps



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Introduction

This unit of work uses [2Connect](#) and is designed to help the children learn the basics of concept mapping both individually and in collaborative working groups. A [user guide to this tool](#) can be found in the [Guides and Resources area](#) of Purple Mash. The tool can be found in the Tools area of Purple Mash.

Using 2Connect, this unit will give children a basic understanding of how to generate, visualise and connect their ideas and thought processes.

To use 2Connect collaboratively, children will need to have individual logins. If you are currently using a single login per class or group and would like to set up individual logins yourself, then please see our guide to doing so at [Create and Manage Users](#). Alternatively, please contact support at support@2simple.com.au or Tel: +61 (0)380 015 024. To force links within this document to open in a new tab, right-click on the link and then select 'Open link in new tab'.

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Medium-term Plan

Lesson	Title	Success Criteria
<u>1</u>	Introduction to Concept Mapping	<ul style="list-style-type: none">• Children can make connections between thoughts and ideas.• Children can see the importance of recording concept maps visually.
<u>2</u>	Using 2Connect	<ul style="list-style-type: none">• Children understand what is meant by 'concept maps', 'stage', 'nodes' and 'connections.'• Children can create a basic concept map.
<u>3</u>	2Connect Story Mode	<ul style="list-style-type: none">• Children have used 2Connect Story Mode to create an informative text.
<u>4</u>	Collaborative Concept Maps	<ul style="list-style-type: none">• Children have used 2Connect collaboratively to create a concept map.• Children have used Presentation Mode to present their concept maps to an audience.

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Lesson 1 – Introduction to Concept Mapping

Aims

- To understand the need for visual representation when generating and discussing complex ideas.
- To understand the uses of a 'concept map'.

Success Criteria

- Children can make connections between thoughts and ideas.
- Children can see the importance of recording concept maps visually.

Resources

Unless otherwise stated, all resources can be found on the main unit 5.7 page. From here, click on the icon to set a resource as a 2do for your class. Use the links below to preview the resources; right-click on the link and 'open in new tab' so you do not lose this page.

- Ball of wool.
- [2Connect tool](#) - This is found in the Tools area of Purple Mash.

Activities

Introduction	Display slide 2 and outline the lesson aims. Display slide 3 and outline the success criteria.
What is a concept?	Display slide 4 to ask children to think about what a concept is.
What is a concept map?	Use slide 5 to introduce the idea of a concept map.
Activity 1: Physical Concept Map	Use slide 6 to guide and create a physical concept map using a ball of wool.
Activity 1: Physical Concept Map	Use slide 7 to evaluate the success of the physical concept map. With the children, conclude that writing down ideas will help with recall.
Activity 2: Concept Map Success Criteria	Use slide 8 to introduce the task of developing a checklist of success criteria for creating a concept map. When children have had time to contribute, click to reveal the suggestions given. Did they miss anything?
2Connect	Use slide 9 to introduce 2Connect. Spend some time looking at the tool in preparation for the next session.
Review Success Criteria	Review the success criteria on slide 10 . Children could rate how well they achieved this using a show of hands.

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Lesson 2- Using 2Connect

Aims

- To understand and use the correct vocabulary when creating a concept map.
- To create a concept map.

Success Criteria

- Children understand what is meant by 'concept maps', 'stage', 'nodes' and 'connections'.
- Children can create a basic concept map.

Resources

Unless otherwise stated, all resources can be found on the main unit 5.7 page. From here, click on the icon to set a resource as a 2do for your class. Use the links below to preview the resources; right-click on the link and 'open in new tab' so you do not lose this page.

- [2Connect tool](#) - This is found in the Tools area of Purple Mash.

Activities

Introduction	Display slide 2 and outline the lesson aims. Display slide 3 and outline the success criteria.
Recap of last session	Display the questions on slide 4 to recap the last session.
2Connect	Use slide 5 to demonstrate how to begin making a concept map on 2Connect. (If you require assistance in using the program, click on the video help files at the top right of 2Question.)
Nodes	Use slide 6 to demonstrate how to create and edit a node on 2Connect.
Connections	Use slide 7 to demonstrate how to create a connection on 2Connect.
Activity 1: Create a Concept Map	Use slide 8 to introduce the main activity where children create their own concept maps using their ideas about the concept discussed in the last session.
Activity 2: Peer Review	Use the questions on slide 9 to discuss some of the concept maps created during the session.
Activity 3: Extension	Use Slide 10 to introduce an optional extension task.
Review Success Criteria	Review the success criteria on slide 11 . children could rate how well they achieved this using a show of hands.

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Lesson 3- 2Connect Story Mode

Aims

- To understand how a concept map can be used to retell stories and information.

Success Criteria

- Children can use 2Connect Story Mode to create an informative text.
- Children can add their own additional information to their informative text.

Resources

Unless otherwise stated, all resources can be found on the main unit 5.7 page. From here, click on the icon to set a resource as a 2do for your class. Use the links below to preview the resources; right-click on the link and 'open in new tab' so you do not lose this page.

- [2Connect tool](#) - This is found in the Tools area of Purple Mash.

Activities

Introduction	Display slide 2 and outline the lesson aims. Display slide 3 and outline the success criteria.
Recap of last session	Display slide 4 to recap the learning from the previous session.
2Connect – Story Mode	Use slides 5, 6 & 7 to demonstrate how to use Story Mode on 2Connect.
Activity 1: Create an Informative Text	Use slide 8 to introduce the main activity where children create their own informative texts using their concept maps created last session and 2Connect 'Story Mode'.
Activity 2: Extension	Use slide 9 to introduce an optional extension task.
Review Success Criteria	Review the success criteria on slide 10 . Children could rate how well they achieved this using a show of hands.

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Lesson 4 – Collaborative Concept Maps

Aims

- To create a collaborative concept map and present this to an audience.

Success Criteria

- Children can use 2Connect collaboratively to create a concept map.
- Children can use the Presentation Mode to present their concept maps to an audience.

Resources

Unless otherwise stated, all resources can be found on the main unit 5.7 page. From here, click on the icon to set a resource as a 2do for your class. Use the links below to preview the resources; right-click on the link and 'open in new tab' so you do not lose this page.

- [2Connect tool](#) - This is found in the Tools area of Purple Mash.
- Prior to this lesson, you may wish to have saved 5 different blank collaborative files in a shared folder – each saved with a number or group name for groups of children to access in the session. You may also wish to give each group a concept to write about, or they can choose one for themselves.**

Activities

Introduction	Display slide 2 and outline the lesson aims. Display slide 3 and outline the success criteria.
Recap of last session	Display slide 4 to recap the learning from the previous session.
Collaborative Mode	Use slide 5 to demonstrate how to set up and use collaborative mode.
Activity 1: Collaborative Concept Map	Use slide 6 to introduce the activity. Setting up the collaborative concept maps for each group in advance will save time. The children can choose their own concept or you may wish to choose for them related to their current learning.
Presentation Mode	After allowing children some time to add to their collaborative concept maps, use slides 7 & 8 to introduce and demonstrate how to use Presentation Mode.

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Activity 2: Presentation Mode	Use slide 9 to introduce Activity 2, allowing children time to rehearse their presentations in their groups.
Activity 3: Presentations	Display the questions on slide 10 for children to peer assess each other's presentations.
Review Success Criteria	Review the success criteria on slide 11 . Children could rate how well they achieved this using a show of hands.



Assessment Guidance

The unit overview for Year 5 contains details of national curricula mapped to the Purple Mash Units. The following information is an exemplar of what a child at an expected level would be able to demonstrate when completing this unit with additional exemplars to demonstrate how this would vary for a child with emerging or exceeding achievements.

Assessment Guidance	
Emerging	<p>With support and in a small group, children can use 2Connect to design and create concept maps that collect and present a range of ideas, although at times these might not be linked (Lessons 1 and 2).</p> <p>With help, children can use the additional features of the software in 2Connect to present their concept maps as a visual whole class presentation (Lesson 4) and as simple written text (Lesson 3).</p>
Expected	<p>Children can use 2Connect to design and create concept maps that collect and present a range of linked ideas (Lessons 1 and 2). Children can use the additional features of the software in 2Connect to present their concept maps as a visual whole class presentation (Lesson 4) and as written text (Lesson 3). Most children will be able to work successfully with others to create an online collaborative concept map using 2connect (Lesson 4) which has been well thought out for layout and content, using features such as image and node layout choices appropriately. They can reflect on these choices and discuss the rationale for them.</p> <p>During presentations (Lesson 4), children can give constructive feedback sensitively and respond well to others' feedback.</p>
Exceeding	<p>Children demonstrating greater depth use the full functionality of 2Connect to create detailed concept maps which contain appropriate images and additional links between nodes (Lessons 1 and 2). Children can use the additional features of the software in 2Connect to present their concept maps as a visual whole class presentation (Lesson 4) and as written text (Lesson 3).</p>

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