

Makeknowdoact

Guidelines for managing a Know project



In the **Know** pathway, the research process can help you complete your project. Good luck and have fun!

RESEARCH PROCESS For Independent Researchers and Inquirers					
Curious	Question	Locate	Record	Review	Share
What am I curious about? What do I already know about this? What would I like to investigate further?	What questions will help guide my research?	What sources of information will I use? Are they reliable? Do I understand what is being said?	How will I record my findings? How will I make sure I am using my own words and recording my thinking?	Have I found the answers to my questions? Do I have any further questions? Do I need to research further?	Who else might be interested in this? Who will be my audience? How can I best share what I have learned?
I could: Brainstorm Concept map Mind map Discuss with a friend Use a KWL	I could use: 3 storey intellect Q matrix Blooms taxonomy 5 Ws and an H	I could use: Books Websites Video clips Ask an expert Pictures Field trip	Using key words, pictures and phrases I could use a: Data chart Journal Mind map Fishbone	I need to: Re-read Reflect Synthesise Ask for feedback	I could create: A workshop imovie Narrative Report Model Piece of art Presentation

Remember that a Makeknowdoact project

is a chance for you to grow as a learner, unleash your talents and curiosity, and develop your learning skills and dispositions.

This is a guide to help you manage your project. Sometimes projects go 'off road', they take twists and turns and don't stick to the original plan, and that's okay! When we go 'off road' sometimes we discover things we hadn't imagined. This guide can help you know what to do next, or how to get back on track when you go too far 'off road'.

How to use this booklet:

Follow the directions to help you manage your **Know** project. You will need to either use a journal (maybe a notebook or a folder) to record your learning journey, or you could use a blog, google doc or slides, or a video diary. Keep all your notes, sketches, pictures and reflections in this journal.

When you see these symbols it is time to:




Check in with your teacher for a conference and feedback



When you see this symbol you might like to reflect and record your thinking and feelings. You could use one or two of these prompts to help with your reflection.

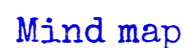
- Next session I need to.....
- I am proud of....
- A problem I faced was....
- I solved a problem by.....
- Dispositions I needed to use were....
- I was really challenged when....
- Feedback I received was....
- I acted on feedback by....
- I am feeling....
- Something that surprised me is....
- Something that worked really well was....
- Something I learned about myself is....
- Something I could improve next time is....

Let's get started!

<p>Curious</p> 	<p>What am I curious about? What do I already know about this? What would I like to investigate further?</p>	<p>I could: Brainstorm Concept map Mind map Discuss with a friend Use a KWL</p>
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Your research should lead you to knowing more about the topic that you did before. This is how we 'stretch' our learning. Let's start by thinking about what you already know.

You can do this anyway you like but here are some ideas that could help:



Form some guiding questions:

Questions will help make your research focussed. You can use a questioning tool like the Q matrix to help form your questions (see next page). If you choose to use this one try to use a combination of colours (purple - base questions, blue and yellow - extending, green- challenging)

Q Matrix

	What	Where/ when	Which	Who	Why	How
is	What is	Where/ When is	Which is	Who is	Why is	How is
did	What did	Where/ When did	Which ___did	Who did	Why did	How did
can	What can	Where/ When can	Which ___can	Who can	Why can	How can
would	What would	Where/ When would	Which ___would	Who would	Why would	How would
will	What will	Where/ When will	Which ___will	Who will	Why will	How will
might	What might	Where/ When might	Which ___might	Who might	Why might	How might

Write your guiding questions in your journal:




Check in! Once you have formed your questions talk to your teacher and get some feedback and advice before going any further.




This is a good time to reflect using one of the prompts!

Locate some suitable resources:

<p>Locate</p> 	<p>What sources of information will I use? Are they reliable? Do I understand what is being said?</p>	<p>I could use: Books Websites Video clips Ask an expert Pictures Field trip</p>
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Finding the right resources for you is not always easy and it may take some time. The 'right resource for you' means that it is not too hard to read or understand, and that it has information that answers your questions. If there are more than 5 words in a paragraph that you do not understand then the resource is probably too hard and written for someone older than you. If you are searching the internet a helpful tip is to put 'for kids' after the key words, or use a friendly search engine like Kiddle or KidRex.

Record your findings

<p>Record</p> 	<p>How will I record my findings? How will I make sure I am using my own words and recording my thinking?</p>	<p>Using keywords, pictures and phrases</p> <p>I could use a: Data chart Journal Mind map Fishbone</p>
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Choose a way of recording that best suits you. You could use one page of your journal per question. Write the question at the top and record any notes that relate to that question underneath. You could also use a concept map or mind map like the ones on page 3. Or you could create a data chart like this in your journal. Remember to:


- Record only using keywords (usually nouns and verbs)
- Don't copy word for word from the book, or cut and paste from a website

Write your guiding questions along the top	Question 1	Question 2	Any other interesting information
Resource 1 Write the title and author's name			
Resource 2 Write the title and author's name			
Resource 3 Write the title and author's name			
In my own words I now think			

Any other interesting information: Sometimes you find out something interesting you didn't have a question for. If you do you can record it in this column.

In my own words I now think.... When you have your information, look at what you have recorded for each question and summarise in your own words

Review your information:

 Review	Have I found the answers to my questions? Do I have any further questions? Do I need to research further?	I need to: Re-read Reflect Synthesise Ask for feedback
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You are nearly ready to think about what you want to do with the information you have found. But first, check that you have found enough information to fully answer your guiding questions.



Check in! Get some feedback from your teacher about whether you have enough information (Review) and what you might want to do next.

You could:

- **Make** something inspired by your learning
- Take **Action** about something you feel strongly about
- **Share** your learning with others

If you don't want to Make something or take Action, go straight to **Sharing your learning** on the next page.

Here are some ideas for Making, and Acting but you might think of lots more.

If your research has inspired you to now make or create something you can use the **Make** pathway and the design process to help you!

You might like to make:

- A 3D model
- A movie
- A piece of art
- Create a play or puppet show
- Create a movie or animation (eg stop motion)
- Write a story or make a picture story book
- Create an app or website
- Create a quiz or make a board game
- Create a song or musical piece
- Create a map or timeline
- Create a museum exhibit

If you have found out something through your research that you feel really strongly about and you want to do something about it. Take action! You can use the **Act** pathway to help you.


You could take action by:

- Write a letter/email to persuade someone
- Create an advertising campaign
- Create an action as a solution to a problem and carry out the action
- Make something to improve the situation
- Do something to help someone else
- Raising awareness in others of the issue and how they can help
- Try to think of other ways than raising money!



This is a good time to reflect using one of the prompts!

Sharing your learning:

<p>Share</p> 	<p>Who else might be interested in this? Who will be my audience? How can I best share what I have learned?</p>	<p><i>I could create:</i> A workshop Imovie Narrative Report Model Piece of art Presentation</p>
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You can share both your new knowledge and your learning story. Here are a few ideas but don't be limited by this list.

- Run a workshop to teach others
- Create an information product (website, infographic, brochure, book, video documentary)
- Create a learning story as a journal or scrapbook (on paper or online) to show how you went about your research including the skills and dispositions you used along the way.
- Give an oral presentation supported by a powerpoint or google slideshow
- Give a demonstration or make an instructional video
- Publish your findings in the school newsletter or on seesaw/storypark
- Write a blog
- Create a visual display



Time for a final reflection. **Congratulations on your achievement!**