Developing a Research Question Using

Higher Order Thinking Skills (HOTS)

1. **Brainstorm, mind-map** and/or list Words or areas of you research.

   Eg. "Working Dogs" Physical Training, Psychological etc

2. **Choose words / sentence starters** below to create your question:

Bloom's Taxonomy Level	Verbs	Question examples
Design	**Create** **Develop** **Extrapolate** **Improve** **Make** **Modify** **Predict** **Program** **Synthesise** **Suggest**	• How might I create design a training program for a working cattle on a large South Australian farm? • How might nursing homes make of therapy dogs to improve dementia patient care? • For what reasons should a school use a range of therapy dogs to improve educational outcomes of their students? • How might the work of our working Police dogs be best promoting on Social Media?
Evaluate	**Argue (for / against)** **Assess** **Conclude** **Critique** **Decide** **Judge** **Justify** **Prioritise** **Recommend**	• What are the most effective dog breeds for working in the Afghanistan conflict? • To what extent….? • Which dog breeds would be better for…? • How should the classification of dog breeds be rank to best reflect their breeding and usage needs? • What are the main ethical considerations that might prevent working dogs being used in dangerous situations?
Analyze	**Argue (about)** **Critique** **Debate** **Deconstruct** **Differentiate** **Discuss** **Identify**	• What are all the key factors that should be considered when choosing a dog for work? • How might the different working dogs be used to improve safety in Australian airports? • What are the main arguments for banning the use of therapy dogs in hospitals? • How do working dogs and their trainers develop successful relationships?

Developing Sub or Focus Questions Using

Foundation Thinking Skills

      1. Outline your main Research Project question.

  2. Consider the break-down the main parts to the Research Project Question:

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Bloom's Taxonomy Level	Verbs	Focus Question Examples
Apply	Calculate Compile Complete Demonstrate Dramatise Edit Operate Practice	How might a dog trainer use treats to train a working dog? Compile a timeline of the use of dogs in the military. How might different breeds of dogs be used in the military? How might I train a sheep dog to chase sheep? Construct and practice a dog training routine.
Understand	Classify Comprehend Discuss Explain Interpret Outline Recognise Summarise (basic)	How are dogs bred to work with people in hospitals? Which dog breeds are used in different working arrangements? Why are some dog breeds more suited to working in the military? What types of working dogs are there in Australia?
Recall	Define Copy Find Label List Match Memorise Quote Recall Repeat	What are the dog breeds used in the military? What types of dog breeds are used on Australian farms? How many ways can you train a sheep dog? What organization train working dogs in Australia? How much does a good sheep dog cost to buy? List the types of dogs used on Australian farms? Quote key tips from working dog owners.