



## Inquiry Learning Process

- Explore & develop Prior knowledge
- Formulate RICH OPEN questions to guide an inquiry into an area of student interest
- Seek, explore and experience to develop understandings that will facilitate new learning and answer to original Rich Open Question.
- Present and share findings in an engaging way.
- Attend the Hawke's Bay A&P Show
- Consider the "what next?"

## Presentations/activities:

Create a Show Science Board of your learning

Make an item using wool – enter into the HandMade or Fibre Fashion section

Create a piece of creative Art or a group Mural (see programme for details)

## Assessment:

### Student Self-evaluation:

Did I answer my question?

What would I do differently in my inquiry next time?

What changes will I make to my behaviour because of this new learning?

### Teacher Assessment:

Have my students conducted a successful inquiry, how do I know?

What could I do next time to ensure success?

What are my students next steps?

## Online Resources:

Examine & explore resources including:

- <https://nzwool.co.nz/wool-resources/>
- <https://www.nzstory.govt.nz/stories/5-things-you-didnt-know-about-new-zealand-wool/>
- <https://www.sciencelearn.org.nz/search?term=wool>
- <https://www.woolnz.com/>
- <https://www.mpi.govt.nz/dmsdocument/19226/direct>
- <https://www.cpwool.co.nz/client-information/benefits-of-wool/>

## Teaching Learning Activities (Before attending the A&P Show)

- Choose a suitable resource (image or video) and enjoy as a group.
- Email Di [events@showgroundshb.co.nz](mailto:events@showgroundshb.co.nz) and request some wool samples for your classroom.
- Students discuss what they already know including any experiences they may have had with wool or sheep.
- Discuss some key wonderings and assist students to craft a Rich Open question to guide their investigation.
- Provide learning opportunities and guidance for learners to explore resources and activities.
- Monitor student skill level to ensure access to new learning and provide assistance and interpretation as required.
- Plan visit to the Hawke's Bay A&P show. ensure students are able to articulate what they need to know to our experts onsite.

## Teaching Learning Activities (At the Hawke's Bay A&P Show)

- Interact with the displays including the live sheep, shearing in the woolshed, the fleece marquee science hub and farmers.
- Attend the prizegiving to celebrate student presentations.
- Visit the woolshed (located at the Elwood Road end of the sheep pavilion). Have a go at shearing a sheep! Hold the handpiece, feel the vibrating and noises. Feel how heavy a whole fleece is. Hold onto the sheep and see how the wool comes off like a hair cut.
- Visit the fleece marquee: see the champion fleeces on display. Look closely to find the differences between the different breeds of sheep. Feel the texture and greasy coating on the fibers.
- Attend a learning session with fleece expert Scott: interact with the experiments in a safe way – consider if the activities support what students are learning in class.
- Interact with passionate wool growers – ask about their daily lives and what actions they take to ensure their wool and sheep are in top condition. Do they like what they do and if so why? Where do they come from? Do they have any pictures or stories to share from the farm.
- Visit Animal World: feed a lamb, cuddle a sheep

*See you at the Show!*

