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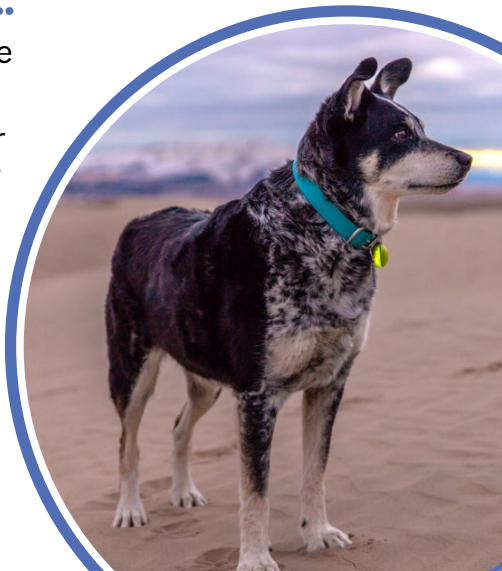
The Blue Heeler Dog Question

Why do Blue Heeler dogs look blue?

In this episode we discover that Blue Heelers (or Australian Cattle Dogs) have black and white hairs covering their body. We learn how our eyes mix these two colours together to make the colour 'blue' when we look at the fur from a distance.

Wonder some more ...

1. Why does their fur coat have two layers?
2. What colour are Blue Heeler puppies when they're born?
3. Why does the Red Heeler dog look red?
4. What important job do these cattle dogs have?
5. Are there different types of dog breeds?
6. What other animals make good pets?



Time to explore...

- **EXPERIMENT:** Provide resources (empty juice bottles, water, food colouring, measuring jugs and funnels) for children to experiment with colour-mixing. Model mathematical and scientific language while encouraging children to predict & experiment with making primary colours. Scaffold problem solving skills and develop understandings by visually recording their research findings.
- **INVESTIGATE:** Invite children to use a microscope to investigate and observe how different objects (e.g. coins, sugar, leaves or insects) look magnified compared to the naked eye. Using paper/ pencil and clipboards, encourage children to draw what they see and develop essential literacy skills.



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Early Education

Read and wonder...

- *'Blue the Builder's Dog'* (2017) by Jen Storer & Andrew Joyner
- *'Banjo and Ruby Red'* (2013) by Libby Gleeson & Freya Blackwood
- *'When Billy was a Dog'* (2019) by Kirsty Murray & Karen Blair

Link to EYLF Learning Outcomes including 4.2, 5.1, 5.2, 5.4 and 5.5.