

ARBs – bird activities and science capabilities

[Assessment Resource Banks](#) have a selection of activities that foreground the science capabilities using birds as the context. Many activities can target multiple capabilities with a different teacher focus or pedagogy. You need to be registered to use Assessment Resource Banks materials.

Birds and the science capabilities

There are a selection of activities on the Assessment Resource Banks that foreground the science capabilities using birds as the context. Here are a few alongside the relevant capability. Remember that many activities can target multiple capabilities with a different teacher focus or pedagogy.

Science capability	How to include
Gather and interpret data	<p>Birds can be found all around us – at home, at school, in the city or in the country – and their commonplace nature makes them ideal subjects for data collection. Students can collect data on the distribution of various species around them along with any potential seasonal variations.</p> <p>ARB: Which are birds?, Duck tales, Feet and beaks, Kākāriki</p>
Use evidence	<p>This data can then be used as evidence to support student ideas on why different birds are found in different positions at different times of the year. Data could also be used to justify where a bird feeding station should be positioned. The data collected about different adaptations can be used to support student thinking as to the purpose of those adaptations and how they support the birds' survival.</p> <p>ARB: Beaks, Bird feet and beaks</p>
Interpret representations	<p>They can then also present this data using a range of representations such as pictographs, distribution maps and photography. Some of the Connected articles mentioned in this collection can be unpacked and discussed to note how different presentations highlight different elements of the information being presented.</p> <p>ARB: Moa statements</p>
Engage with science	<p>The data collection can be made more meaningful if it forms part of a project such as encouraging native birds into the area, providing feeding stations or monitoring species such as the kererū and the associated citizen science initiatives.</p> <p>ARB: Banding birds</p>



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