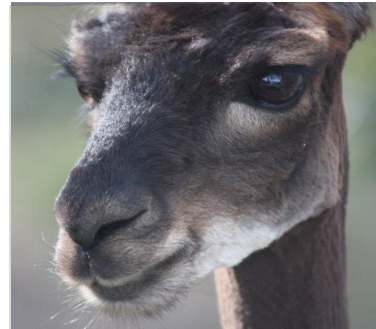


# Primary Alpaca Fibre Immersion Program Stages 3-4

*Students actively engaged in the AgSTEM workshops, seeing a clear alignment from animal production to the creation of products linked to Ag, science and design.*



*Students were fascinated by the 'superpower' qualities of alpaca fleece and the science behind these properties*



*Students learnt about alpaca farming, the biology and physiology of alpacas and the unique scientific properties of alpaca fleece.*



*Students enjoyed creating fibre/felt from the fleece for utilisation in a class artwork about sustainable fabrics.*

## Outline

Focusing on the concepts of alpaca farming in Australia and its links to fibre and meat production. Students will learn about the difference between an alpaca and a llama, how alpacas communicate, animal husbandry linked to breeding and caring for alpacas, the characteristics of alpaca fleece and production of alpaca products. The workshop includes Agfacts session, an introduction to Alpaca farming from our Junior Journalist and Alpaca farmer– Bradley (think BTN). Students will then engage in a science based workshop linked to the properties of alpaca fibre before commencing a hands on process of turning alpaca fibre into felt.

## Curriculum Links

This program supports teaching and learning in the areas of:

**Science and Technology, Creative Arts, Geography**

**GE:** Environments—Cultural Values— Sustainable Agriculture—interconnections and spatial distribution

**ST:** Working Scientifically- experiments/investigations –production for food and fibre—Characteristics and properties of materials -how they can be changed and combined for a purpose-Life Cycles—Agricultural Processes—

**Careers Education:** Careers in AgSTEM

**Creative Arts:** using different medium to create artworks

**Cross Curricula:** Sustainability

## Cost

**DoE schools:** \$600 for the day

**Non DoE Schools:** \$675 for the day



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This program runs as a full day immersion event from 9.30am—2.30 pm. Max 30 students per workshop to ensure H & S requirements when making felt and completing science experiments.