

### Launching a spear thrower in VR

Investigate the mathematics and physics (levers, mechanical advantage) of First Nations spear-throwers, then design a virtual launch - as the basis of statistical investigation

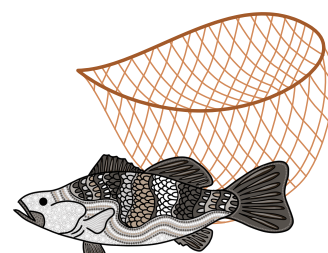
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### First Nations Australian fish nets and traps

Explore First Nations fish nets and traps, then design a net using a 3D digital tool

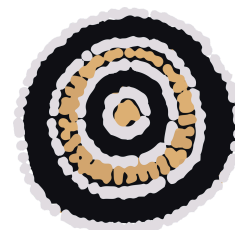
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### Circles of significance

Explore the circle's mathematical and cultural significance, deriving formulas for circumference and area, linking to cylinders and applying them to First Nations contexts

AUSTRALIANS TOGETHER



### Applications of ratio

Explore ratio, similarity and the area of a circle in the context of the Aboriginal and Torres Strait Islander flags

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### Reconciliation progress

Analyse Reconciliation Australia's Australian Reconciliation Barometer report to answer an inquiry question for a statistical investigation

MATHEMATICS HUB

