Geography Alive: Stage 1 Geography (Topic 1: Features of Places)

Lesson 3: Observing and recording weather

Content focus:	Resources:
In this lesson students focus on recording their weather-based observations. Initially they do this without the use of instruments. In the second part of the task they use a widely available weather app to investigate and record weather data.	• *Worksheet 1: Five-day weather observation record sheet* • *Worksheet 2: Five-day app-based weather record*

Key inquiry questions:	Outcomes:	Lesson sequence:
• How does the weather experienced by a place change over time?	*A student:* • demonstrates the ability to observe and record weather conditions at a particular place and time • demonstrates the ability to record and interpret weather related data available on a weather app.	• **Step 1:** Recap the key ideas from Lesson 1 including the difference between 'weather' and 'climate' and the various ways in which weather impacts on our routines. • **Step 2:** Weather Observation Task 1**.** Using **Worksheet 1** student use words and symbols to describe the weather experienced over the course of a five-day school week. This task should be completed at the same time each day. • **Step 3:** Weather Observation Task 2. Using **Worksheet 2,** ask student to record the key weather statistics sourced from a weather app. Students should access the data the same time of day over a five-day period. Suitable weather apps include *Weather Live.* The app requires iOS 9.0 or later. Compatible with iPhone, iPad and iPod touch. Other apps are available. The Bureau of Meteorology (BOM) also provides a range of data for places throughout Australia. • **Step 4:** At the end of the five-day period students have the opportunity to graph some of the data recorded in Weather Observation Task 2. For example, students could use a line graph to show temperatures and a column graph to show rainfall. Discuss with students weather experienced over the five-day period. Which was the warmest day? Which was the coldest day? Which days had rainfall? Which day was the windiest? etc.