

# 6 LESSONS

TERM TWO

## THE NATIONAL NEST PREDATION SURVEY- DATA COLLECTION

- Learning Objectives
- Background
- Activities
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Photo credit: Dr Donald McKnight





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### **LEARNING OBJECTIVES**

Here you will find the learning objectives for this lesson

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## **PAGE 5**

### **ACTIVITIES**

There are two activities for this lesson.

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## **PAGE 4**

### **BACKGROUND INFORMATION**

Learn how to collect data from your National Nest Predation Survey site

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## **PAGE 6**

### **CURRICULUM**

See how this lesson maps with the Australian curriculum

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# Learning Objectives

At the end of the lesson, students will be able to:

(1) Collect and accurately record data.



**Collect**



**Record**



# Background Information

## National Nest Predation Survey (NNPS) - Data collection

### Data collection:

We recommend returning to your National Nest Predation site, 3 weeks after the artificial nests were created to collect data.

Data collection requires two people. The first person will stand at each wooden stake with the relevant photo and guide the 2nd person to each nest location. If the nest has been dug up, egg shells and a hole will be present and easy to find. If it has not been dug up, it may require some time and effort to find. Once you have located all 10 nests, record how many nests have been dug up. Remove or destroy any remaining eggs within intact nests. Once you are done, collect your wooden stakes (or star posts) and wildlife camera.

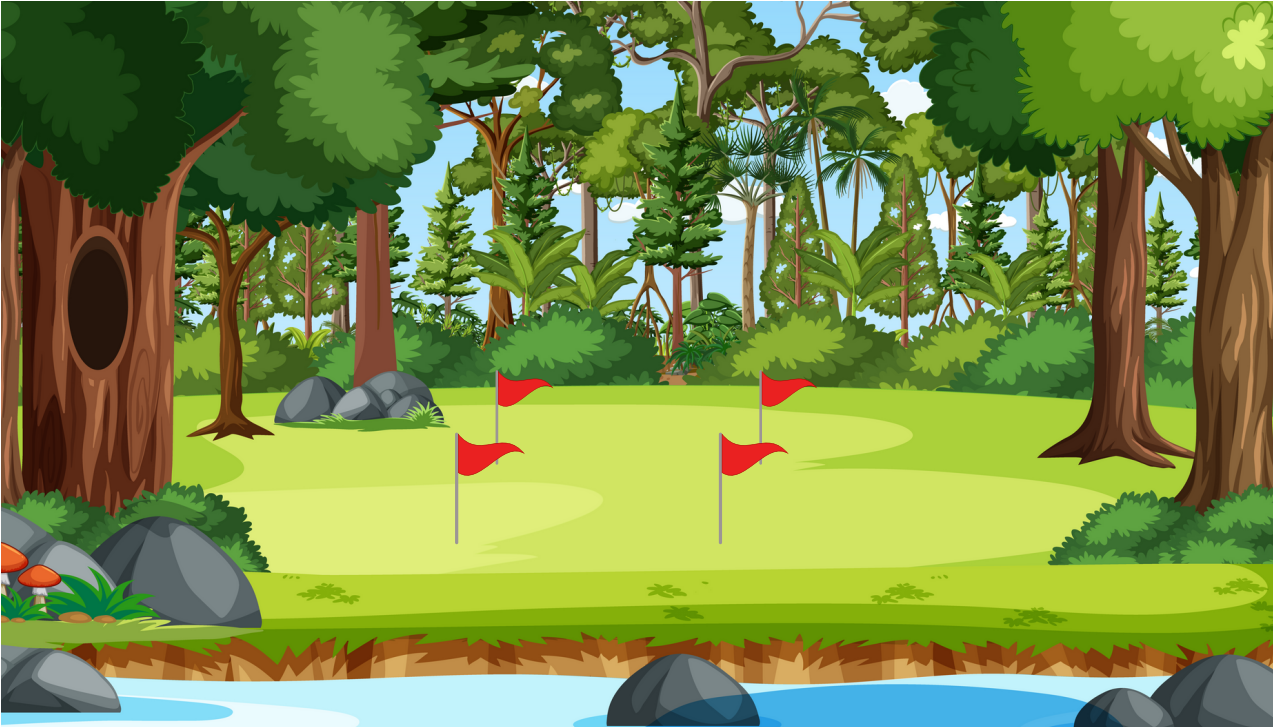
If you have used a wildlife camera, you need to look through all the images captured on the SD card. Please record the number of days that a fox was observed (not the number of fox images). For example, if a fox was captured 6 times in one night, it still gets recorded as a "1". Similarly, if a fox is observed once over a 24h period it also gets a "1". If no fox was observed over a 24h period, then it is given a "0". Tally the number of "1s" recorded and that will be recorded into the online survey. You will also need to record the number of nights that the camera was out there.



# Wetland Activity

## ACTIVITY

(1) Students will return to the site of the NNPS, approximately 3 weeks after the chicken egg nests were created and record nest predation rates.



# Classroom Activity

## ACTIVITY

(1) Students write a short reflection piece on what they observed during data collection for the National Nest Predation Survey. Students might comment on how their findings and involvement in the survey made them feel.



# Australian Curriculum addressed in this Lesson



## Science

### Strand: Science inquiry (Year 5)

#### Sub-strand: Planning and conducting

**AC9S5I03:** use equipment to observe, measure and record data with reasonable precision, using digital tools as appropriate.

### Strand: Science inquiry (Year 6)

#### Sub-strand: Planning and conducting

**AC9S6I03:** use equipment to observe, measure and record data with reasonable precision, using digital tools as appropriate.



## Mathematics

### Strand: Statistics (Year 5)

**AC9M5ST03:** plan and conduct statistical investigations by posing questions or identifying a problem and collecting relevant data; choose appropriate displays and interpret the data; communicate findings within the context of the investigation.

### Strand: Statistics (Year 6)

**AC9M6ST03:** plan and conduct statistical investigations by posing and refining questions or identifying a problem and collecting relevant data; analyse and interpret the data and communicate findings within the context of the investigation.