

**Activity Title:**

# Current issue case study – vehicle damage in sand dunes

**Focusing question**

How do vehicles impact on sand dunes?

**Resources required**

- PowerPoint presentation – 5e Current issue case study – vehicles

**Prior learning**

5b How do people affect beaches?

5c Positive and negative beach use posters

5d Photo montage – human impact on dunes

**Method**

- 1 The objective of this activity is to explore the use of vehicles on sand dunes as a case study of a human activity that currently impacts on the dunes.
- 2 View the PowerPoint presentation **5e Current issue case study – vehicles** before using it with the class or set a small group this responsibility. Identify good places to stop for discussion and questioning. Some discussion questions are included in the PowerPoint.
- 3 View the PowerPoint presentation with the class, stopping in places for discussion and questions.
- 4 Reflect on the following:
  - What impact do vehicles have on the dunes?
  - Have vehicles always been used on the dunes – how has their use altered over time?
  - How can vehicle use be managed on the dunes?

**Possible next steps**

- 5f Beach traffic survey – a practical field activity investigating the diversity and quantity of traffic on local beaches and sand dunes.

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**Environmental  
Education Aspect:**

About the environment

**Environmental  
Education Concept:**

- Sustainability

**Curriculum Links:**

- Social Science
- Science

**Suggested  
Curriculum Level:**

Any