

# Cavan Burren Park

## Student Sheet



### General instructions to students:

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1. Note the main RISKS at the site when you arrive.
2. Respect the geological code of conduct at all times, do not disturb wildlife, close gates, do not remove rocks/fossils or sand from the site.
3. Before leaving transport, check that you have suitable clothing and footwear and the equipment to record your field observations:
  - ✓ Pencils
  - ✓ Clipboard
  - ✓ Task sheet
4. Stay close to the teacher in charge at all times. Stay on the path at all times except when a teacher advises otherwise as there are hidden depressions all throughout the forest. Do not attempt to climb on any of the archaeological or geological features as these often have steep drops. Be aware of traffic in the car park.
5. Try and complete your observations in as much detail as possible. Listen to the teacher as they explain what you are looking at and ask questions if you are unsure about any aspects of these sites.

Tasks to be completed:

Task	Description	Completed (tick)
1	(a) Examine the risks/hazards at this site and (b) Describe how they might be reduced.	<input type="checkbox"/>
2	Describe the differences between a collapse and subsidence doline.	<input type="checkbox"/>
3	(a) Draw a labelled sketch of limestone pavement. (b) How do you know the limestone was deposited in a marine environment.	<input type="checkbox"/>
4	(a) Draw a labelled sketch of a pedestal glacial erratic. (b) Estimate how much chemical weathering has taken place since the last glaciation ended and explain how you got this answer. (c) How do you know that Cuilcagh Mountain was completely covered by ice during the last glaciation?	<input type="checkbox"/>
5	<b>Calf House and Farmstead</b> Draw a labelled cross section of a lime kiln.	<input type="checkbox"/>
6	<b>Boulder Grave</b> Explain why water appears at the boulder grave spring	<input type="checkbox"/>
7	<b>Lost Valley doline and Giant's Leap dry valley</b> Explain what a relict dry valley is.	<input type="checkbox"/>

Name

Location

Cavan Burren Park

1a. List of risks/hazards:

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1b. How to reduce risks/hazards:

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2. Describe the differences between a collapse and subsidence doline:

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3a. Draw a labelled sketch of limestone pavement:



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3b. How do you know the limestone was deposited in a marine environment:

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4a. Draw a labelled sketch of a pedestal glacial erratic:



4b. Estimate how much chemical weathering has taken place since the last glaciation ended and explain how you got this answer:

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4c. How do you know that Cuilcagh Mountain was completely covered by ice during the last glaciation?:

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5: Draw a labelled cross section of a lime kiln:



6. Explain why water appears at the boulder grave spring:

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7. Explain what a relict dry valley is:

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