ENGLISH FOR GEOLOGY · YEAR 1 · B1–B1+

Past Simple and Present Perfect

Practice · Natural science topics

Before you start. Use **full forms** in Tasks 3–6: *did not*, *have not*, *has not* (not *didn't*, *haven't*, *hasn't*).

Useful words:

glacier — льодовик
geyser — гейзер
continental drift — дрейф континентів
lightning — блискавка
sandstorm — піщана буря
powder — порошок
crack — тріщина
shore — берег
crab — краб
tide — приплив / відплив
cave explorer — дослідник печер
canyon — каньйон

1 Build the verb forms

Complete the table with the Past Simple (V2) and the past participle (V3). Some verbs are regular, so be careful with spelling.

	V1	V2	V3
1.	**freeze**		
2.	**erupt**		
3.	**shrink**		
4.	**dig**		
5.	**strike**		
6.	**spot**		
7.	**rise**		

	V1	V2	V3
8.	**blow**		
9.	**identify**		
10.	**sink**		
11.	**hide**		
12.	**grind**		
13.	**measure**		
14.	**ride**		

2 Choose the tense

Choose the correct verb form in each sentence.

1. Last night, a strong wind ***blew / has blown*** sand across our camp.
2. Our team ***dug / has dug*** three deep holes so far this month.
3. Last winter, the lake ***froze / has frozen*** completely for the first time in years.
4. Our group ***never watched / has never watched*** a geyser erupt, but we hope to see one soon.
5. The glacier ***shrank / has shrunk*** by 200 metres since 1990, and it is still melting.
6. In yesterday's experiment, a heavy stone ***sank / has sunk*** to the bottom of the tank.
7. The volcanologists ***recorded / have recorded*** four earthquakes this week, and they are still monitoring the area.
8. Alfred Wegener ***developed / has developed*** the theory of continental drift.

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3 Complete the sentences

Use the Past Simple or the Present Perfect. In questions, complete both gaps.

1. In yesterday's lab experiment, a glass bottle _____ (***burst***) because it got too hot.
2. The river _____ (***wear***) away the rocks in this valley for thousands of years, and it is still changing the valley today.
3. So far this week, the sun _____ (***not / shine***) at all, so the snow is still deep.
4. During last night's storm, lightning _____ (***strike***) an old tree near our camp.
5. _____ you ever _____ (***hide***) from a sandstorm?
6. A: When _____ the water in the river _____ (***rise***) above the bridge?
   B: Last Sunday night.
7. The scientists _____ (***study***) this volcano since 2015.
8. Last Tuesday, we _____ (***grind***) some rocks into powder in the lab.
9. The researchers _____ (***not / publish***) any results on the earthquake so far this month.
10. How many rock samples _____ the students _____ (***collect***) so far this term?

4 Correct the verb phrase

*Each **bold** phrase has one mistake. Write only the correct phrase. Keep the same tense unless the sentence has a finished past time.*

1. The flood **has sweeped** away the old bridge. People cannot cross the river now.
   Correct phrase: _____
2. Our lecturer **has just lended** us her geological hammer. We can use it now.
   Correct phrase: _____
3. The researchers **did not brought** enough water on last year's trip to the desert.
   Correct phrase: _____
4. The earthquake **has shaked** the old buildings so badly that nobody can live in them now.
   Correct phrase: _____
5. The large rock **has splitted** into two parts. Now there is a deep crack in the middle.
   Correct phrase: _____
6. The ecologists **have spotted** rare birds near the lake last Monday.
   Correct phrase: _____

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5 Complete a coastal study report

Complete each gap with the Past Simple or the Present Perfect.

It is Friday. Our project is still in progress.

On Wednesday, our group **(1)** _____ (***drive***) to the coast to study waves and marine life. Our guide **(2)** _____ (***lead***) us along the rocky shore. We **(3)** _____ (***notice***) small crabs between the stones and **(4)** _____ (***catch***) a few of them for a short study. So far, we **(5)** _____ (***identify***) twenty species near the shore. Our lecturer **(6)** _____ (***already / send***) us feedback twice this week. So far, we **(7)** _____ (***not / draw***) the final map of the coast. Yesterday, I **(8)** _____ (***spend***) two hours reading about the Moon's effect on tides.

6 Use both tenses

Complete the conversations with the Past Simple or the Present Perfect. Look at the time words and think: is the action finished, or is it connected to now?

Conversation 1

A: _____ you ever _____ (***ride***) a horse through a canyon?

B: Yes, I have. My friends and I _____ (***hire***) horses in Utah last summer.

Conversation 2

A: Where is our lecturer?

B: She _____ (***go***) to the geology museum. She is still there.

A: _____ you ever _____ (***be***) there?

B: Yes. I _____ (***buy***) a book about minerals there last Saturday.

Conversation 3

A: When _____ the cave explorers _____ (***find***) the underground lake?

B: Last week. They _____ (***film***) it, but they _____ (***not / explore***) the whole lake yet.

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