

**Online Quiz****Interactions of Earth Systems**

1. What happens right before evaporation occurs?

[Need a Hint?](#)



- A.  water absorbs thermal energy
- B.  water releases thermal energy
- C.  water molecules begin moving more slowly
- D.  water changes from gas to liquid

---

2. Weather refers to the state of which system at a particular time?

[Need a Hint?](#)

- A.  the biosphere
- B.  the hydrosphere
- C.  the geosphere
- D.  the atmosphere

---

3. Which system is affected by the process of weathering?

[Need a Hint?](#)

- A.  the hydrosphere
- B.  the geosphere

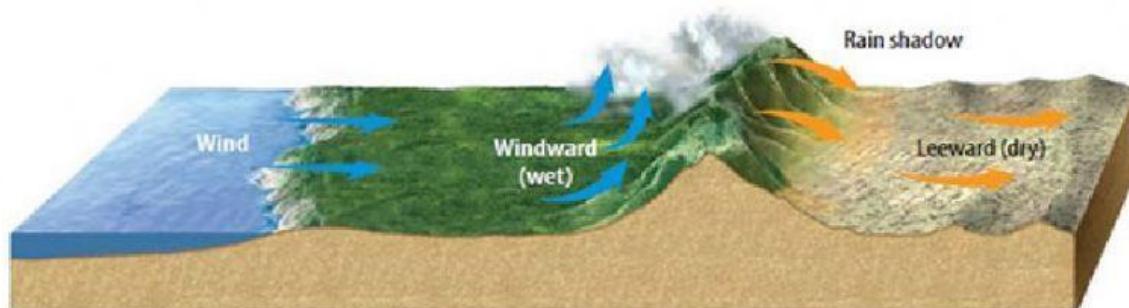
C.  the atmosphere

D.  the biosphere

---

4. What happens to moist air as it rises on the windward side of a mountain range?

[Need a Hint?](#)



A.  it cools down

B.  it warms up

C.  it loses oxygen

D.  it slows down

---

5. Which is true of both the rock cycle and the water cycle?

[Need a Hint?](#)

A.  both occur mostly in the atmosphere

B.  both occur mostly in the geosphere

C.  both have no beginning and no end

D.  matter is created by both of them

---



This is the end of the test. When you have completed all the questions and reviewed your answers, press the button below to grade the test.

[Grade the Test](#)

Please read our [Terms of Use](#) and [Privacy Notice](#) before you explore our Web site. To report a technical problem with this Web site, please contact [Technical Support](#).