

Errata for the First Printing of *Discovering Design with Earth Science*

**Student Text**

- p. iv “They also **needed** to be committed to memory” should be “**need**”
- p. 9 In the figure caption, “**in** not” should be “**is** not”
- p. 10 “and that should help make **then** more familiar to you” should be “**them**”
- p. 11 Remember, meters can be abbreviated with **a** “m,” should be “**an**”
- p. 22 “only told you **want**” should be “only told you **what**”
- p. 37 “At the same time, however, the crust and the upper parts of the mantle push down on **the** everything below them” Should be removed
- p. 44 In step 2, “It just be composed” should be “It just **should** be composed”
- p.77 In the pie chart, the number under “aluminum” should be **8.1%**, not 27.7%
- p. 98 “an extrusive igneous rock that formed as a result **of** lava being released from a volcano and then freezing.” The “**of**” is missing
- p. 104 “Similarly, metamorphic rocks **are** the result of existing rocks being changed.” “**are**” is missing
- p. 108 In the heading, “Different Scientific Perspectives of **The** Rock Cycle,” should not be capitalized
- p. 108 “However, they also might have **also** been broken off by someone” should be removed.
- p. 109 “because while Hadrian’s Wall is only 1,900 years old, **while** the rocks” should be removed.
- p. 116 “and the only things we know about trilobites come **from** their fossils.” “**from**” is missing
- p. 119 “As **a** result, energy is released.” “**a**” is missing
- p. 159 “The Richter scale and the moment magnitude scale are objective measures of **how** much energy an earthquake releases.” “**how**” is missing
- p. 165 “Furthermore, the seismogram it produces is so different from an earthquake’s seismogram that **the** in most cases, it is easy to distinguish between the two.” should be removed.

- p. 170 “This changes the path of those waves, producing a P-wave shadow zone, which is shown **in** on the left.” should be removed
- p. 176 “Thus, it is usually quite easy for people to avoid the lava **produce** by a volcano.” Should be **produced**.
- p. 191 “First, **flip** back and look at the fossil leaf again.” Should be “**go**”
- p. 195 “If you were **to** touch that log, it would not feel like wood.” “**to**” is missing.
- p. 197 “The fossils from **in** the Geology Basics Kit” should be removed.
- p. 198 “As I pointed out after the first experiment (p. **185**),” should be “**184**”
- p. 200 “It is thought that **that** the jellyfish died ...” should be removed
- p. 201 “It’s a calcium carbonate plate made by **a** single-celled organism” “**a**” is missing.
- p. 202 “Reading too Much **into** Fossils” should be capitalized.
- p. 207 “Because sedimentary rocks that make up the Pink **cliffs**” should be capitalized
- p. 209 “we can say that the geological column is a representation **of** how different strata of fossil-bearing rocks correlate to one another around the world.” “**of**” is missing.
- p. 213 “Aside from a few places where I discussed differences in the way scientists interpret the data, I have focused on what we know based on observations that have been made.” The period is missing
- p. 213 “Nebraska **man** and the original interpretation of Pakicetus” should be italicized.
- p. 218 “**989,000,000** of them would be carbon-12 atoms. **10,999,999** would be carbon-13 atoms” should be **989,000,000,000** and **10,999,999,999**
- p. 247 “Since the reaction was faster in the initially hot vinegar, the amount of mass used up in **the** that vinegar should have been greater.” “**the**” should not be there
- p. 256 “However, they were rare, so the grasses themselves didn’t **fossilized**” should be “**fossilize**”
- p. 260 “interpretation are the **of** places” should be removed
- p. 266 “Finally, YECs are quick to point out that as **it** the case...”, “**it**” should be “**is**”
- p. 267 “**Flying squirrels** are part of a group of animals called marsupials should be “**Sugar gliders**”

- p. 281 In the bottom figure caption, “**scientist**” should be “**scientists**”
- p. 286 “(It is in a small plastic bag labeled “Mass Activity Rock.”)” “)” is missing
- p. 287 “Repeat steps **5** and **6**” should be “Repeat steps **4** and **5**.”
- p. 297 “However, you might wonder why the oceans hold the former, while rivers, streams, and most lakes hold the latter.” “**t**” is missing.
- p. 298 “Thus, when the water vapor hit the cool lid and **become** liquid again, the water had no salt in it.” It should be “**became**”
- p. 301 “If there **this** is no artesian well nearby, you can dig a hole and eventually get to the groundwater, forming the more common version of a well. “**this**” shouldn’t be there
- p. 314 “If we think of the moon as not moving at all during a given day, then the wide and flat parts of the oval never move, **bit** the earth spins inside that oval.” Change to “**but**”
- p. 314 “However, since the sun is farther away, its gravity can’t pull on the water **has** hard as the moon.” Change to “**as**”
- p. 321 “As the shell moves south, it travels over land **it** is moving to the east faster.” Should be “**that**”
- p. 322 In the figure caption, “**determine**” should be “**determined**”
- p. 331 “Nevertheless, it is more permanent **that** most frost, since it tends to stay frozen through the summer.” Change to “**than**”
- p. 345 “absolutely necessary for life **of** this planet.” Should be “**on**”
- p. 354 “**Lighting** also produces nitrogen oxides and ozone.” Should be “**Lightning**”
- p. 382 “as shown in **the** left picture below” “**the**” is missing
- p. 396 “Until **scientist** can definitively state ...” should be “**scientists**”
- p. 412 “However what scientists call “acid rain” has more acid **it** than it should, making the pH even lower.” Should be removed
- p. 414 “Wilson **Bently**” should be “**Bentley**”
- p. 415 “Typically, sleet is about 0.2 inches (**0.05** centimeters)” Should be **0.5 cm**.

- p. 422 “If the correct conditions of wind shear and updraft are present **or into** an area” should be “**in**”
- p. 433 “The spacecraft **craft** detected both of them” should be removed
- p. 440 “but then **been** kicked out” should be “**were**”
- p. 445 “has been interpreted to indicate that **the** sun is not at rest.” “**the**” is missing
- p. 447 “let it cool before you try to remove it from the lamp if **you** need to remove it.” “**you**” is missing
- p. 452 “than the electromagnetic waves that **comes** from a solar flare.” Should be “**come**”
- p. 458 “moon’s orbit around the **sun.**” Should be “**earth**”
- p. 465 “which allowed **scientist** to determine” should be “**scientists**”
- p. 468 “tiny, tiny **spec** compared to all of God’s creation” Should be “**speck**”
- p. 470 “we see planets because **the** reflect light from the sun.” Should be “**they**”
- p. 479 “it simply refers to something for which the absolute magnitude can be **determine** without knowing how far away it is.” Should be “**determined**”
- p. 482 “Milky Way galaxy, which is shown **on** in the image below.” Should be removed
- p. 490 “Summing **it** All Up” should be capitalized

### Answer Key & Tests

- p. 29 In #14, “along the **inner** core” Should be **outer**
- p. 31: In #2, “identify (A) – **(E)**” Should be **(F)**
- p. 60 In #12, “All of the earth’s saltwater is **in** found in the oceans.” Should be removed
- p. 88 In #9, “ the size **of** a water drop” “**of**” is missing
- p. 96 In #11, “In the late 1600s and **earth** 1700s, should be **early**
- p. 105 #13 should end with a question mark, not a period.