

Exploring Creation with General Science, 3rd Edition – Errata File

This file contains the corrections for the 1st Printing: March 2019, of the Student Notebook.

You can find which printing you have by going to the publications page in the front of your book. The printing for the Textbook, Solutions and Tests Manual, and Student Notebook may not be the same. Corrections for the Textbook and Solutions Manual are in separate files. (Updated August 2024).

Clarifications:

The terms Full Lab Report, Full Lab Write-Up, and Complete Lab Report were used interchangeably to mean Formal Lab Report, as referenced on page 413, for example. This refers to the one lab report written at the end of each module for only 1 of the experiments. These were edited for consistency in all later printings.

Page 24 – Text paragraph should read: Use the graphic organizer on page 25 to take notes...

Page 232 – On the periodic table, #117 was updated to the red shading. Initially it was left white because scientists had not yet determined its characteristics.

Experiment 13.1:

Page 19 – Week 29 Day 4 – Add: Set up and begin Exp. 13.1; Continue observations over weekend

Page 19 – Week 30 Day 1 – Continue Experiment 13.1 Day 5 observations

Page 19 – Week 30 Day 2 – Finish Experiment 13.1

Page 373 – In What to Do box, change instructions to: **Set up and begin** Experiment 13.1 using the lab report form in this notebook. You will observe this setup 6 days in a row, including any weekend days.

Page 374 – In What to Do box, change instructions to: **Make and record** Day 5 observations on Experiment 13.1.

Corrections:

Pages 8 and 551– The paragraph in the row for Conclusions and Connections to Text section, change the Connections sentences in the first 2 columns.

– The first column (4-5 point) should read: “Conclusions are complete, logical and very neat. Connection to text are accurately and thoroughly made. Data...”

– The second column (2-3 points) should read: “Conclusions are complete, logical, and legible. Some connections to text are made but may be lacking in detail. Data...”

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Page 15 – Week 3 Day 1: Text: pages 30-32; Week 5 Day 3 Text: read pages 57-62

Page 16 – Week 7 Day 3: Text: read pages 87-91

Page 16 – Week 12, Day 4: the pages to be read are 159-163.

Page 29 – On Your Own 1.3 – change the beginning of the last sentence so it reads:

“Imagine what would have happened...” and remove question mark.

And add the following sentences to the end:

“Name one more example of a brilliant scientist who advanced an incorrect idea. What do these examples teach us about how to make scientific decisions?”

Page 41 – Niels (Bohr) was misspelled.

Page 94 – In the table, the 3rd Question should read: “What axis is the dependent factor plotted on?”

Page 116 – In the Questions column, change all 4 instances of Figure 4.12 to 4.13.

Page 120 – In the Questions column, change Figure 4.16 to 4.17.

Page 122 – See added pdf at the end of this file. The first question and gray box was removed and On Your Own 4.9 was added at the bottom.

Page 151-152 Stars matching activity – change the last term on page 151 to ‘atoms’ and the first term on page 152 to ‘neutron stars’.

Page 152 Explore More – Change the answer for the last part to: 9,454,254,955,488,000.

Page 154 On Your Own 5.9 – Change the 2nd to last question to:

“What do you think would happen to Earth if our sun was dense like a neutron star or a white dwarf?”

Page 154 Figure 5.30 – On the y-axis, the labeled numbers for Luminosity should be 10^6 , 10^5 , 10^4 , 10^3 , 10^2 , 10, 1 and so on down to 10^{-5} . (10^3 was skipped and 10 was listed twice, so change 10^2 to 10^3 and change the 10 below it to 10^2).

Page 171 – Change the page numbers from 153-154 to 153-155 in the instructions.

Page 177 – In the Notes column fill-in-the-blank section, the 4th line should read: “out first and the lighter material settling out...”

Page 192 – See added pdf of this redesigned page, at the end of this file.

Page 200 – On the Venn Diagram, the word ‘Climate’ should be at the top of the right circle (not in the overlapping space).

Page 205 – In the description for ‘trade winds,’ change 30-degrees to 5-degrees.

Page 207 – Change the description of the bottom left photo to: “clouds that look like thin layers.”

Page 275 – The 2nd OYO is 9.11 not 9.2.

Page 303 – In the Taxonomy section, change the final description to “Families are placed into this taxon.”

Page 421 – In the Introduction box, the last line should read “...hypothesis, or what you think will happen if you add drops of water on top of a soapy penny.”

Additional Corrections Added August 2024:

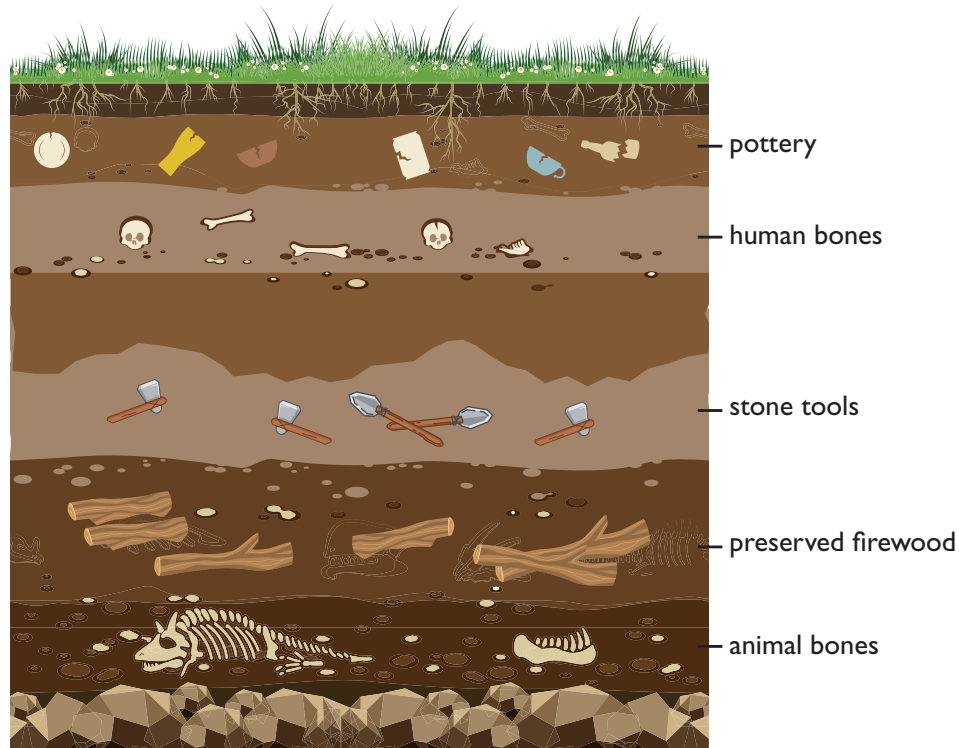
Page 19 – Week 30 Day 2 – read pages **374** – 376.

Page 82 – Instructions at the top of the page – read pages 57 – **58**.

Page 377 – Instructions at the top of the page – read pages **374** – 376.

4.8 ON YOUR OWN

Based on the Principle of Superposition list the artifacts pointed out in Figure 4.18 in terms of increasing age. In other words, list the youngest artifact first and the oldest one last.

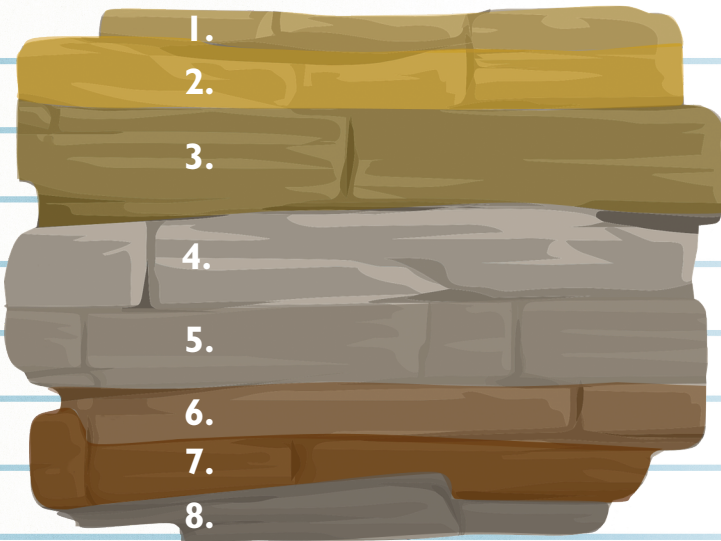


4.9 ON YOUR OWN

what is the underlying assumption of the principle of superposition?

5. Strata and canyon formation have been observed to be rapid.
6. Fossil graveyards can contain organisms from several climates.
7. There is evidence of rapid fossil preservation.
8. Dating techniques can be inconsistent.

1.



2.

3.

4.

5.

6.

7.

8.

