

## *Exploring Creation with General Science, 3<sup>rd</sup> Edition – Errata File*

This file contains the clarifications and corrections for the 2<sup>nd</sup> Printing: March 2020 and 3<sup>rd</sup> Printing: July 2020, of the Textbook. (Updated 7/29/2024)

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 Solutions and Tests Manual and Student Notebook are in separate files.

### Clarifications:

In our effort to provide families with accurate science that glorifies God, this course went through thorough and detailed editing. Yet, although scientific accuracy is a major goal, as with any large instructional work there will be places where information can be clarified.

Page 99 – In the 2<sup>nd</sup> to last paragraph changes were made in the bold sentences as shown:

Let's compare those numbers to the New Testament. **It is supported by over 5,800 different copies and the earliest was written only 25-40 years after the original.** The differences between these 5,800 copies are extremely small, which indicates that the New Testament we have today **is faithful** to the original text.

Page 100 – Figure 4.13 – change the New Testament Time Span number to **25-40**.

Page 100 – two sentences in the last paragraph were revised as shown in bold:

Now, the last events of the Old Testament were supposed to have occurred sometime around 450 BC, which means that there is a notable span of time between the original writings and the first available copies. **But between 1947 and 1956, the Dead Sea Scrolls were discovered. Among the manuscripts there are at least 223 copies of the Old Testament.** In fact, one of the scrolls has a complete copy of the Old Testament book of Isaiah.

**Carbon-14 dating, pages 104-105 and 180-181** – no edits made.

Carbon-14 could *technically* allow scientists to identify dates that could be tens of thousands of years old. However, to *accurately* date an item, it has to be calibrated with dendrochronology (discussed on pages 102-104). That just means that the carbon-14 dates are supported by dates confirmed using dendrochronology.

**Page 54** – OYO 2.5 – Add the following sentence at the end of the answer:

The answer would also be the same for a scientific theory.

**Page 183** – OYO 6.1:

The answers listed by letter are:

- A. oceanic crust
- B. Moho
- C. mantle
- D. outer core

- E. inner core
- F. continental crust
- G. lithosphere
- H. asthenosphere

**Page 223** – In the paragraph under Periodic Table of Elements, change “...each box has 1, 2, or 3 letters.” to “...each box has **1 or 2** letters.” This was written prior to elements #113, 115, 117, and 118 were named. When an element is first identified it is given a 3-letter abbreviation. Once it is named, it receives a 2-letter abbreviation.

**Page 223** – Update to Figure 8.8 – Element #117 Ts has been filled in with the red color and the bold line moved to the left of #117.

**Page 342 – first full paragraph**

After the first sentence, which begins “Sponges grow...” insert: (see Figure 12.8 for one example).

**Page 369 – Experiment 13.1**

The following note was added at the beginning:

“Note: Depending on the paper products you use for this experiment, your results may differ. This is because the content of newspaper varies by manufacturer, and many papers use already recycled materials which affect the release of carbon during decomposition.”

Corrections:

**Page 25, 219, 420** – Niels (Bohr) was misspelled.

**Page 45** – In the creation connection, change the 4<sup>th</sup> sentence to read:

“They performed experiments showing germs infecting and harming healthy tissue, and after years of further experimentation by Semmelweis and others, Semmelweis’ **hypothesis was accepted as a theory that is still used today.**”

**Page 142 – OYO 5.9** – Replace the 3<sup>rd</sup> sentence with:

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

**Page 149 – Think About This**

Change the 6<sup>th</sup> sentence so it reads:

And the word *large* is not really helpful, because Greenland is considered an island, even though it is very, very large.

**Page 194** – End of middle paragraph:

Inside the ( ) change 30° to 5°.

**Page 317** – In Figure 11.13 the width measurement should be (9.8 Feet).

**Page 361 – First paragraph, 5<sup>th</sup> sentence**

Change macroalgae to **multicellular algae** and oxygen to **carbon dioxide**.

**Page 372**

Change “macroalgae” to “multicellular algae” in the following 4 places:

1. 4<sup>th</sup> sentence beneath the definition of Food web.
2. Figure 13.9 at the top left of the Food Web
3. & 4. Twice in the caption of Figure 13.9.