**Unit B Pacing Guide**

**Note:** Read each activity in the student book and teacher guide. At the start of each class or before you leave for the night, prepare a bell work question that connects with what they have been learning in the previous lessons. These will be graded every Friday for a total of 10 points in a full week (2 pts per day). Other than that, grade the green assignments for 10 practice points using the “practice rubric.” Red assignments are for mastery points.

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| Act #  Page # | Title | Days | Prep | Procedure |
| 12  B4 | Observing Natural Resources | 1 | \*copies of Act 12 data  \*bins set up with samples | 1. Bell work  2. Act 12 write-up  3. Show the video at this link about renewable vs. nonrewable resources: <https://www.youtube.com/watch?v=8LfD_EKze2M&list=PL3-Ima1DdaCNL5uYYJixELFu9oC7XUaJi>  4. Follow procedure  5. Answer Analysis Question 3 in notebooks.  6. Complete vocabulary words “” |
| 15/16  \*Nearpod  B14 | Mineral Properties | 2-3 | \*copies of Act 15 Data  \*sample of calcite(don’t tell what it is) ready for each group  \*laptops requested for the days (15 for partners) | 1. Bell work  2. Act 15/16 write-up  3. Do nearpod  4. Discuss mineral it is and how you knew  5. Complete vocabulary words “” |
| Birthstone Research Project |  | 6-7 | \*Request laptops, library, or computer lab for 5 days, present 1  \*copies of research packets | 1. Bell work  2. Read project guidelines  3. Students must complete packet BEFORE starting product  4. Give 5 days total to work (suggest 2 days of research and 3 days to create project)  5. Students should present to their groups only. Recording sheets turned in for grade.  6. Birthstone Research Projects need to be either e-mailed to you to grade OR printed out to grade. |
| 18  B29 | Every Rock Tells a Story | 1 | \*copies of Act 18 homework  \*copies of 18.1 Anticipation Guide: Roughpoint Story | 1. Bell work  2. Act 18 write-up  3. Fill out “Before” column on 18.1  4. Do procedure  5. Go over “After” answers at end  6. Complete Act 18 Homework |
| 19  \*Nearpod  B33 | Rock Formation | 3 | \*Rock Recipe  \*Word Web | 1. Bell work  2. Act 19 write-up  3. Do nearpod & fill out data sheet  4. Do rock recipe or word web as homework |
| 20  B38 | Identifying Rock Types | 2-3 |  | 1. Bell work  2. Act 20 write-up  3. Do procedure Part A  4. Review  5. Procedure Part B  6. Review |
| 21/93  \*just show laundry video  B42 | Modeling Rock Layers/ Reading the Rocks | 1 | \*ACE Response | 1. Bell work  2. Act 2 write-up  3. Show video at link: <https://www.youtube.com/watch?v=etk5jUOIDUQ>  4. Show video at link: <https://www.youtube.com/watch?v=3VQeqw2wWWY> |
| 22  \*Use other game  B45 | The Rock Cycle Game | 2 | \*RockCycle Comic Strip | 1. Bell work  2. Show video at link: https://www.youtube.com/watch?v=PErvTa9M-jU  3. Act 22 write-up  4. Have students use their rock cycle game data to make a Rock Cycle Comic Strip. (talk with science team about doing practice or performance)  5. Hand out Project Guidelines  6. Read Guidelines  7. Give 2-3 class days to work on. |
| 23  \*sum up info in 1 day  B48 | Making Minerals | 3 | \*Diamond Ad.?  \*Graded Discussion? | 1. Bell work  2. Act 23 write-up |
| Unit Tic Tac Toe |  | 2-3 |  | 1. Bell work  2. Read through Tic Tac Toe paper  3. Give 1-2 days to work  4. Turn in Unit B Tic Tac Toe for grade (30 points). |
| Review/ Study Guide |  | 1 | \*kahoot available | 1. Bell work  2. Do kahoot with the kids at the link: <https://create.kahoot.it/details/unit-b-test-review/16ea3e35-c15d-4881-be67-972fa8262bf5>  3. Let students use their study guide/ check study guide answers together or remind Mrs. Smith to post online. |
| Test |  | 1-2 |  | 1. Bell work  2. Hand out tests  3. Read tests aloud. Let students use study guide  4. Turn in Unit B Tests when done.  5. Have students attach study guide for 2 extra credit points |