DeSoto ISD Science Secondary Lesson Cycle- RC 3

Duration	Lesson	Description
15 min	Warm Up/Bell Ringer	**1. Region IV Bellringer- P. 134 8.9 B Crustal Features** **Students will identify the various crustal features that are associated with each plate boundary.**
30 Min Differentiation (Rotation)	Online Instruction	**1. Penda Learning- Plate Tectonics**
	Collaborative Activities	**1. Stemscopes-** **-Picture Vocabulary Lesson (Need technology!)** **https://ali4.acceleratelearning.com/scopes/192/elements/373577** **TSW challenge themselves on the vocabulary. Click on the term to see the video** **-Scope Review Game** **https://ali4.acceleratelearning.com/scopes/192/elements/9387**
	Teacher Led Instruction	**1. Debrief Plate Boundary Activity with demo** **Students will be shown a demo over plate boundaries and as big group will discuss landforms that are associated. From the demo, students will be able to visually see the landform(s) created with each plate boundary.**
15 min	Games	**1. Kahoot!- Plate boundaries with crustal features (25 questions)** **https://create.kahoot.it/#quiz/6019b2b4-1ad2-416b-bb66-64a2665473c9**

15 min	Exit Ticket	1. **Stemscopes-Post assessment (5 multiple choice questions)** **https://ali4.acceleratelearning.com/scopes/192/elements/9388**

Duration	Lesson	Description
15 min	Warm Up/Bell Ringer	2. **Region IV Bellringer- P. 112 8.8 A HR Diagram**
30 Min Differentiation (Rotation)	Online Instruction	2. **Penda Learning- Earth, Sun, and Moon**
	Collaborative Activities	2. **Stemscopes- Science Art- the students paint and label the moon phases, then label the tides on their painting.** **https://ali4.acceleratelearning.com/scopes/185/elements/29386**
	Teacher Led Instruction	2. **Powerpoint with Cornell Notes utilizing connecting the moon phases to the tides**
15 min	Games	2. **Kahoot!- Lunar Cycle and Tides (15 questions)** **https://create.kahoot.it/#quiz/c47b79f9-72e0-452d-ac87-cfc29021408e**

15 min	Exit Ticket	**2. Stemscopes-TIDES online vocabulary game https://ali4.acceleratelearning.com/scopes/186/elements/9161**

Duration	Lesson	Description
15 min	Warm Up/Bell Ringer	**3. Region IV Bellringer- P. 82 Season Basics**
30 Min Differentiation (Rotation)	Online Instruction	**3. Stemscopes- - 8.7 A ROTATION and REVOLUTION** **-Science Rock Video- Students will watch the music video** **https://ali4.acceleratelearning.com/scopes/184/elements/24737** **-Scope Vocabulary Game** **https://ali4.acceleratelearning.com/scopes/184/elements/9089**
	Collaborative Activities	**3. Stemscopes- - 8.7 A ROTATION and REVOLUTION** **Seasons Tilt and World Activity** **https://ali4.acceleratelearning.com/scopes/184/elements/363384#Part-II-Seasonal-Tilt-and-Whirl** **Model Seasons with a lamp and Styrofoam ball then answer processing questions**
	Teacher Led Instruction	**3. STEMscopedia Lesson- 8.7 A ROTATION and REVOLUTION** **https://ali4.acceleratelearning.com/scopes/184/elements/26726** **Teacher will read through the content with the student then guide them as they fill in the charts.**

15 min	Games	**3. Kahoot!- Seasons (20 questions)** **https://create.kahoot.it/#quiz/3ca7cf5e-d77d-4e9e-a8db-b93e30013f17**
15 min	Exit Ticket	**3. Stemscopes- Rotation and Revolution Concept Attainment Quiz** **https://ali4.acceleratelearning.com/scopes/184/elements/28917**