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| Daniel Lu | School District: IUSD | Grade Level: 3rd Grade |
| Subject: Science | Lesson Topic: Layers of the Earth | Day(s): 1 Day Plan |
| **TEACHER PLANNING** | I. FOCUS & CONTENTStudents will be able to:* Describe the different layers of the Earth
* Discuss key facts about each layer
* Re-create a scale model of the different layers
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| II. CONNECTIONSIs it true that if you kept digging, you can dig all the way to China? Students will get a chance to explore what’s right below them. Student will also see a visual representation of the Earth’s layers.  |
| III. MATERIALS & RESOURCESA. Various Colors of Play-DohB. Ping Pong BallsC. Graphic Organizers |
| **IMPLEMENTATION: INTERACTIONS, REFLECTIONS, AND NEW CONNECTIONS** | IV. ACTIVITESA. ENGAGEMENTAfter reading “The Magic School Bus Inside the Earth” by Joanna Cole, students will be put together into groups of no more than four. The groups will use a graphic organizer to label the layers.B. DEVELOPMENTOnce the students finish the correctly filling out their graphic organizers, as a class we discuss the different layers and the differences between the layers as well as the crust.C. APPLICATIONThe students individually will get a chance to recreate a model of the Earth’s layers using different colors of play-doh to indicate the different gradation over a ping-pong ball; which represents the Earth’s core. This activity will uses verbal/linguistic, interpersonal and bodily/kinesthetic intelligences. |
| V. OUTCOMES & EVALUATIONSStudents will get a visual representation of the different layers of the Earth and its core. |
| VI. EXTENSIONSThe activity will expand student knowledge of Earth sciences. They will also be able to speak to identifying the different characteristics of each of the Earth’s layers and its core as well as compare and contrast the differences. Students will also get a chance to practice communication skills and teamwork. |