

Unit 1 - Earth's Processes Pacing Guide

*If time saving is needed, teachers can eliminate the Anchor Phenomenon days and any associated Anchor Connection days although it is HIGHLY recommended to do the Anchor Phenomenon

*The Performance Task at the end of each unit is an in-depth, group problem solving project that will take up front planning and multiple days to complete. It can be omitted for time saving.

| Day | Lesson | Time | Resources |
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| 1 | Mystery Science Birth of Rocks Anchoring Phenomenon Day 1 | Anchor Phenomenon/Guided Inquiry Activity - 30 minutes | Mystery Science Birth of Rocks Teacher's Guide Mystery Science Birth of Rocks Anchor Phenomenon |
| 2 | Mystery Science Birth of Rocks Anchoring Phenomenon Day 2 | Hands On Activity - 30 minutes | |
| 3 | Mystery Science Birth of Rocks Lesson 1 Day 1 | Exploration - 10 minutes Hands-on Activity - 20 minutes | Mystery Science Birth of Rocks Lesson 1 |
| 4 | Mystery Science Birth of Rocks Lesson 1 Day 2 | Continue hands-on activity - 30 minutes | |
| 5 | Mystery Science Birth of Rocks Lesson 1 Day 3 | Wrap-up/Anchor connection - 30 minutes | |
| 6 | Mystery Science Birth of Rocks Lesson 2 Day 1 | Exploration and Discussion - 30 minutes | Mystery Science Birth of Rocks Lesson 2 |

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| 7 | Mystery Science Birth of Rocks Lesson 2 Day 2 | Hands-on Activity: 30 minutes | |
| 8 | Mystery Science Birth of Rocks Lesson 2 Day 3 | Wrap-up/Anchor connection - 30 minutes | |
| 9 | Mystery Science Birth of Rocks Lesson 3 Day 1 | Exploration - 30 minutes | Mystery Science Birth of Rocks Lesson 3 |
| 10 | Mystery Science Birth of Rocks Lesson 3 Day 2 | Hands-on Activity - 30 minutes | |
| 11 | Mystery Science Birth of Rocks Lesson 3 Day 3 | Wrap-up/Anchor connection - 30 minutes | |
| 12 | Mystery Science Birth of Rocks Lesson 4 Day 1 | Exploration - 30 minutes | Mystery Science Birth of Rocks Lesson 4 |
| 13 | Mystery Science Birth of Rocks Lesson 4 Day 2 | Hands-on Activity - 30 minutes | |
| 14 | Mystery Science Birth of Rocks Lesson 4 Day 3 | Wrap-up/Anchor connection - 30 minutes | |
| 12 | Mystery Science Birth of Rocks Lesson 5 Day 1 | Exploration - 30 minutes | Mystery Science Birth of Rocks Lesson 5 |
| 13 | Mystery Science Birth of Rocks Lesson 5 Day 2 | Hands-on Activity - 30 minutes | |
| 14 | Mystery Science Birth of Rocks Lesson 5 Day 3 | Wrap-up/Anchor connection - 30 minutes | |
| 15 | Mystery Science Birth of Rocks Performance Assessment | Unit Review - 30 minutes | Mystery Science Birth of Rocks Performance Assessment |

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| 16 | Mystery Science Birth of Rocks Performance Assessment | Hands-on Activity - 30 minutes | |
| 17 | Mystery Science Birth of Rocks Performance Assessment | Hands-on Activity - 30 minutes | |
| 18 | Mystery Science Birth of Rocks Performance Assessment | Hands-on Activity - 30 minutes | |
| 19 | Mystery Science Birth of Rocks Performance Assessment | Hands-on Activity - 30 minutes | |
| 20 | Built in additional time | | |
| 21 | Built in additional time | | |
| 22 | Benchmark #1 | | |