**Fundamentals of Learning** *Margaret Heritage et al.*

The fundamental I am researching today:

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| * Making Meaning (MM) | * Managing Learning (ML) | * Participating and Contributing (P&C) |

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| Step 1  ~ 3 min | Introduction (pages 3-4)   * Read the introduction on pages 3-4 |
| Step 2  ~ 3 min | Insights into the Fundamentals (pages 5-6)   * Read *your* fundamental’s description. * On chart paper (or in the space below), write a 1-2 sentence *draft* summary/explanation of your fundamental. Don’t worry about it being perfect; you will revise as we go. |
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| Step 3  ~3 min | In Practice (pages 7-10)   * Read the short introductory text and then read only about *your* fundamental in each of the sections of “In Practice.” * Revise your draft summary/explanation using the indicators of practice for your fundamental. |
| Step 4  ~ 3 min | Representative Touch Points (pages 11-12)   * Read the short introductory text on page 11, and then read only about *your* fundamental in “Representative Touch Points.” * This section deals with implications of the Common Core State Standards in ELA and Math, but it isn’t hard to read those and think about science. * Revise your draft summary/explanation considering touch points to science instruction. |
| Step 5  ~ 3 min | Final Summary/Explanation   * On chart paper (or in the space below), craft a common summary/explanation that you would share with the others here today about *your* fundamental. |
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| Step 6  ~ 10 min | Sharing   * As groups are sharing fundamentals that you did not research, record the salient, important things about their fundamental on the back of this page. |

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| Fundamental of Learning: | * MM | * ML | * P&C |
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