**BPS Learning Progression for Argumentation**

*Developed in Professional Development Workshop on May 25, 2011*

**EXAMPLE #1**

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| **Grade** | **Focus** | **Scaffolds/Supports** |
| k-2 | * Claim 🡪 Claim + Evidence
* 1-2+ things on which to focus
 | * Modeling
* Whole-class
* Vocabulary
* Data Collection
* Visuals
 |
| 3-5 | * CER
* 3-4+ things on which to focus
 | * Evidence-based discussions
* Graphic Organizers
* Show different-leveled examples for discussion
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| 6-8 | * Eliminating inappropriate evidence
* Evidence that supports competing claims
* 8th Grade Introduce Rebuttals
 | * Focused revision days
* Class Debates
* Links to Math Word Problems
* Design questions with clear alternatives for rebuttals
* Clearly frame rebuttal structures – sentence starters
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| 9-12 | * Formal scientific writing
* CERR
* Complex data sets
 | * Sentence starts: say it like a scientist
* Modeling in discussion and writing
* Checklist for writing
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**EXAMPLE #2**

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| **Grade** | **Focus** | **Scaffolds/Supports** |
| k-2 | * Claim
* End of 2nd Grade - Evidence
 | * Teachers trained in CER
* Graphic organizer
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| 3-5 | * CER
 | * CER/CWA support across the school
* Graphic organizer with three components: claim, evidence and reasoning
	+ Back side organize data
* Scaffolds their thoughts (pre-write strategy)
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| 6-8 | * 6th and 7th grade – CER
* 8th grade - CERR
 | * Graphic organizer
	+ Illustrating scientific vocabulary and science concepts in the reasoning
 |
| 9-12 | * CERR
 | * Graphic Organizer with 4 components: claim, evidence, reasoning and rebuttal
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