**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 |
| 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 |
| 9-12 | * Formal scientific writing * CERR * Complex data sets | * Sentence starts: say it like a scientist * Modeling in discussion and writing * Checklist for writing |

**EXAMPLE #2**

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| **Grade** | **Focus** | **Scaffolds/Supports** |
| k-2 | * Claim * End of 2nd Grade - Evidence | * Teachers trained in CER * Graphic organizer |
| 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) |
| 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 |