

Interdisciplinary Design Thinking Calendar: Integrating Science and Language Arts (Nonfiction Reading and Writing Unit)

	RWW - double block	RWW - double block	RWW - double block	RWW - double block
Jan 4 - 22	Language Arts: Teaching nonfiction reading strategies (lessons #1 - #9 Lucy Calkins); Science: Background content on mass extinctions, including the Sixth Mass Extinction			
Jan 25	Introduce DTP Summarize history Objective Debrief Plan	Lesson #10 Learning from sources WTW Independent read/write	Lesson #11 WTW Independent read/write	Empathy Using research, email, skype, youtube, people in our lives Debrief Plan
Feb 1	Define Chart POV Statements How might we... Debrief Plan	Lesson #12 WTW Independent read/write	Lesson #13 WTW Independent read/write	Brainstorm Sticker? Debrief Plan Thank you notes to presenters
Feb 8	Sticker? Prototype Debrief Plan	Lesson #14 WTW Independent read/write	Lesson #15 WTW Independent read/write	Prototype Debrief Plan
Feb 22	Test Feedback Chart Refine Prototype Debrief Plan	Lesson #16 WTW Independent read/write	Lesson #17 WTW Independent read/write	Test Feedback Chart Refine Prototype Debrief Plan

Feb 29	Test Feedback Chart Refine Prototype Debrief Plan	Lesson #18 WTW Independent read/write	Lesson #19 WTW Independent read/write	Summit
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Essential Questions:

- How do you identify needs or problems based on empathetic listening?
- How do you organization information?
- How do you identify problems?
- How do you understanding the interconnected nature of problems (tensions)?
- How do you collaborate productively?
- How do you take risks and feedback?
- How do you revise your work based on feedback?
- How do you address an audience?

Enduring Understandings:

- Developing empathy
- How to ask questions that allow the questioner to understand someone else's perspective
- How to engage in empathetic listening
- You don't have to be an expert to make a decision to impact the world
- Complexity of the top 5 issues impacting the biosphere

Developed by Barbara Applebaum and Rachel Jury (Language Arts) in collaboration with Deanna McBeath (Science)
Bernard Zell Anshe Emet Day School, Spring 2016

→ after professional learning at the Breakaway Design Thinking Workshop, Breaker (collaboration with Stanford d.school)



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