



February 27, 2017

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K-5 Science Adoption Committee



Agenda for Today

1. Review significant program variables for each publisher.
2. Discuss professional development plan for science adoption.
3. Review curricular artifacts with a lens on literacy.

Program Variable Matrix

Grade Levels:

Team Members (first names only):

	Amplify	FOSS	Your Group's Wonderings / Comments
Cost to Adopt Materials	\$1,928,390 Details	\$1,519,478 Details	
Professional Development Days Provided by Publisher	36 Note: Each PD day equates to one trainer for one day.	72 Note: Each PD day equates to one trainer for one day.	
Availability of Printed Teachers Guide	Not available	Included in the cost of materials adoption	
Percentage of Curriculum Completed to Date / Projections	43% (9 of 21 Units) 5 units are projected to be completed June, 2017 7 units are projected to be completed Spring, 2017	100% of units have been completed	
Publisher's Ability to Meet Deadlines Throughout Pilot	Repeatedly missed shipping deadlines Kits for grades K, 3, 4 were each delayed by 1 month this fall.	Has met 100% of deadlines	
Availability of Spanish Materials	Spanish materials were not completed in time for use in the pilot	Spanish materials exist for each of the pilot units.	

In teams,
review the
matrix on
SharePoint.
Record the
wondering and
comments you
have.

Amplify Consideration

- Per Sharon Kautz, Executive Director of Curriculum and Instruction:
 - If the K-5 Science Adoption Committee recommends Amplify, the IMC will not support its adoption in 2017-18.
 - The primary concern is that the Amplify materials are not likely to be ready in time for an effective rollout. Furthermore, the committee will not support the adoption of unseen materials (e.g., life science units scheduled to be completed June, 2017).
 - Adoption of Amplify in 2018-19 is a possibility, but this will require reopening the pilot process in 2017-18.
- In summary, if the K-5 Science Adoption Committee recommends Amplify, we will need to delay the adoption of elementary science materials until 2018-19 and restart the process.

Professional Development Plan

- A district-wide emphasis on literacy is expected in the coming professional development cycle:
 - DDPD, BBPD, Professional Learning Days
- The science adoption will occur in this context. We will be designing and implementing science and literacy integrated PD and learning resources.

Literacy Lens

1. Asking **questions** (science) and defining problems (engineering)
2. Developing and using **models**
3. Planning and carrying out **investigations**
4. **Analyzing** and interpreting **data**
5. Using **mathematics** and computational **thinking**
6. Constructing **explanations** (science) & **designing solutions** (engineering)
7. Engaging in **argument from evidence**
8. Obtaining, evaluating, and **communicating information**

- Integration of Science & Literacy
 - Opportunities for authentic writing to express ideas & explain thinking
 - Science texts (read aloud, shared rdg, independent rdg)
 - Rigor
 - Engagement
- Scientific Discourse (Science Talk) as the foundation for writing
- Engaging, hands on learning experiences for basis for rich science talk, writing, argumentation, and reasoning

Next Steps

- This committee will meet twice more:
 - 3/07: Science Pilot Feedback and Celebration
 - Teachers will discuss experience with each publisher and provide feedback via surveys.
 - 3/27: Review final survey data and select material for recommendation to IMC.
 - This will be the final meeting of our committee.

Members in Attendance

- Maria Capestany
- Colette Graybeal
- Anna Hatlestad
- Amy Winstanley
- Dawn Redemann
- Ashley Richardson
- Tara Gray
- Susan Webster
- Maria Manca
- Patrick Brown
- Tessa Heady
- Greg Bianchi
- Cheri Bortleson
- Kristen LaPrade
- Grace Waylen
- Mariano Lizano-Alpazar
- Rebecca Mayes
- Nicole Shimizu