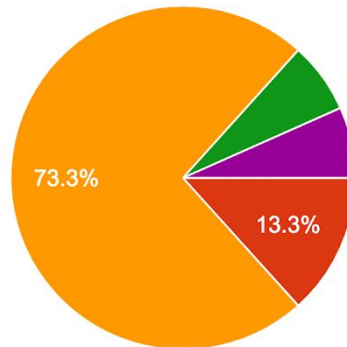# Appendix 1:Amplify Program Evaluation Data PUSHD 2020

Teachers rated the quality of different aspects of the programs on a scale of 1-5. The following data shows the overall results of the teacher evaluations for each aspect, and the program as a whole.
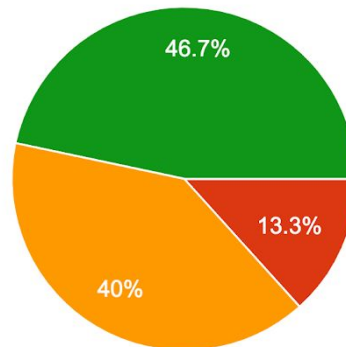
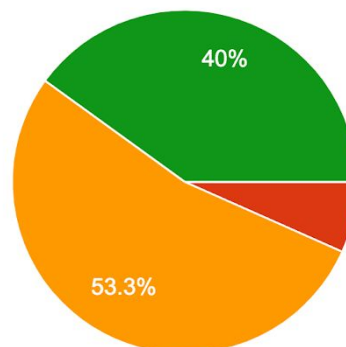**T1 - Phenomena/Problem Driven Three Dimensional Learning:** Phenomena included in learning sequences and supports student understanding of content; rationale for how phenomena supports all three dimensions (DCI, SEP, CCC); three dimensions integrated into lessons.
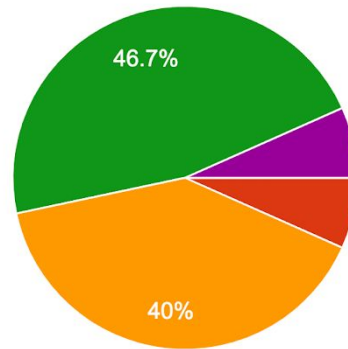

- 5 (high quality)
- 4
- 3 (medium quality)
- 2
- 1 (low quality)

T2 - Coherence: Strategies link student learning experience across lessons to support sense-making; connections to other science domains and vertical alignment.

- 5 (high quality)
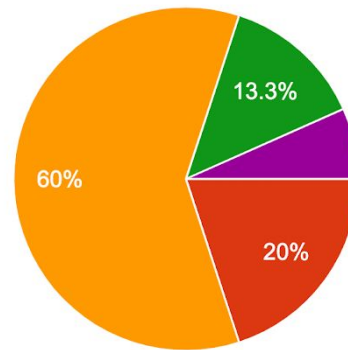- 4
- 3 (medium quality)
- 2
- 1 (low quality)

T3 - Effective Teaching: Materials provide authentic learning with a meaningful phenomena across all three dimensions; promote reasoning, literacy, challenge thinking, metacognitive abilities; a variety of strategies available to enhance activities.
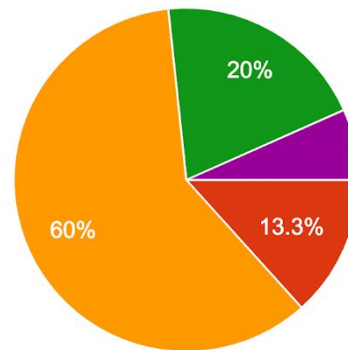

- 5 (high quality)
- 4
- 3 (medium quality)
- 2
- 1 (low quality)

T4 - Support for Students with Diverse Learning Needs: Support provided to differentiate instruction, provides access to strategies that support targeted learning goals and performances, language support for non-English speaking students.

- 5 (high quality)
- 4
- 3 (medium quality)
- 2
- 1 (low quality)

46.7%

40%

T5 - Support to Monitor Student Progress: Access to effective summative and formative assessments provided, support for providing feedback and modifying instruction, digital grade monitoring available.

- 5 (high quality)
- 4
- 3 (medium quality)
- 2
- 1 (low quality)

13.3%

60%

20%

Student Learning Experience: High quality investigations, support materials, opportunities to make learning visible, support of NGSS three dimensions

- 5 (high quality)
- 4
- 3 (medium quality)
- 2
- 1 (low quality)

20%

60%

13.3%

Lab Materials: Access to lab kits for each embedded lab, easy to follow instructions and materials list for consumables and equipment.

- 5 (high quality)
- 4
- 3 (medium quality)
- 2
- 1 (low quality)

46.7%

13.3%

13.3%

26.7%