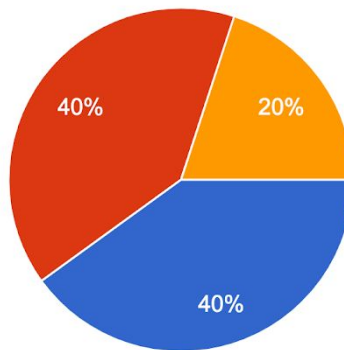


### Appendix 3: Discovery Education Program Evaluation Data - PUSHD 2019-2020

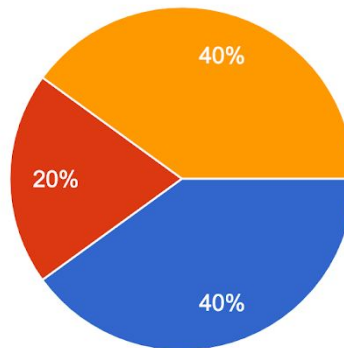
Teachers rated the quality of different aspects of the programs on a scale of 1-5. The following data shows the overall results of the teacher evaluations for each aspect, and the program as a whole.

#### T1 - Phenomena/Problem Driven Three

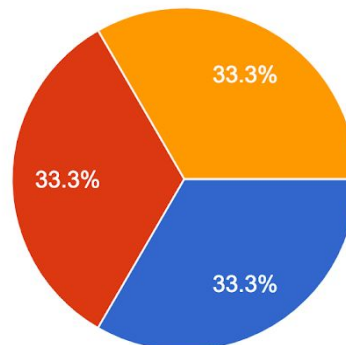
**Dimensional Learning:** Phenomena included in learning sequences and supports student understanding of content; rationale for how phenomena supports all three dimensions (DCI, SEP, CCC); three dimensions integrated into lessons.



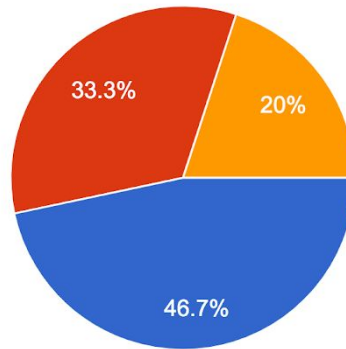
**T2 - Coherence:** Strategies link student learning experience across lessons to support sense-making; connections to other science domains and vertical alignment.



**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.

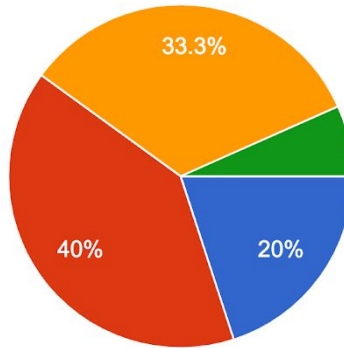


**T4 - Support for Students with Diverse Learning Needs:** Support provided to differentiate instruction, provides access to strategies that support targeted learning goals and performances, language support for non-English speaking students.



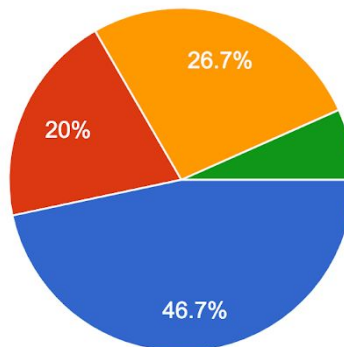
- 5 (high quality)
- 4
- 3 (medium quality)
- 2
- 1 (low quality)

**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.



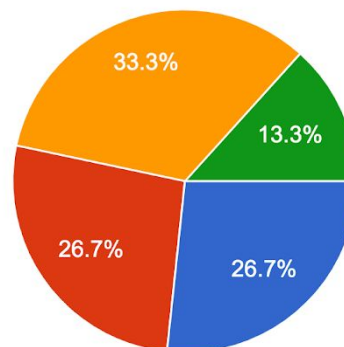
- 5 (high quality)
- 4
- 3 (medium quality)
- 2
- 1 (low quality)

**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)

**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)