

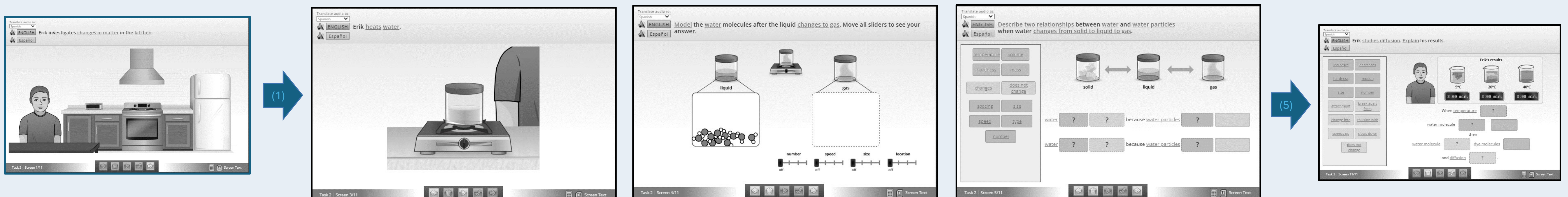
Actionable Feedback for Student Formative Assessment

Institute for Innovative Assessment (ONPAR Project)

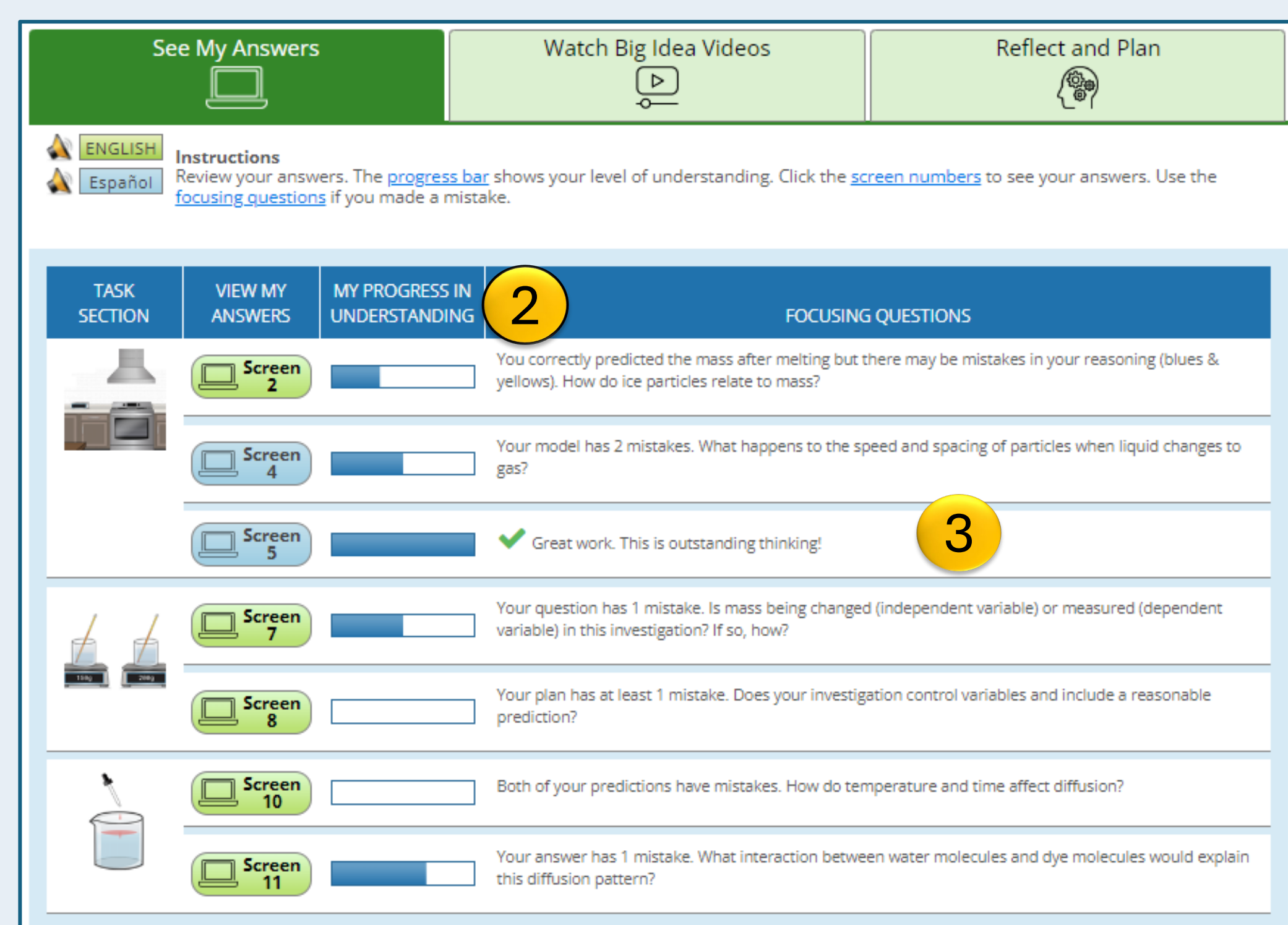
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Overview ONPAR is a dynamic, technology-enhanced assessment system designed to support formative assessment practices in middle school science classrooms. ONPAR multi-dimensional assessments are aligned to NGSS and provide users with immediate feedback that can be used to inform teaching and deepen learning. Updated student reports incorporate the principles of effective feedback and reflective assessment to empower students to evaluate their progress and take control of their own learning.

Sample ONPAR Items 1

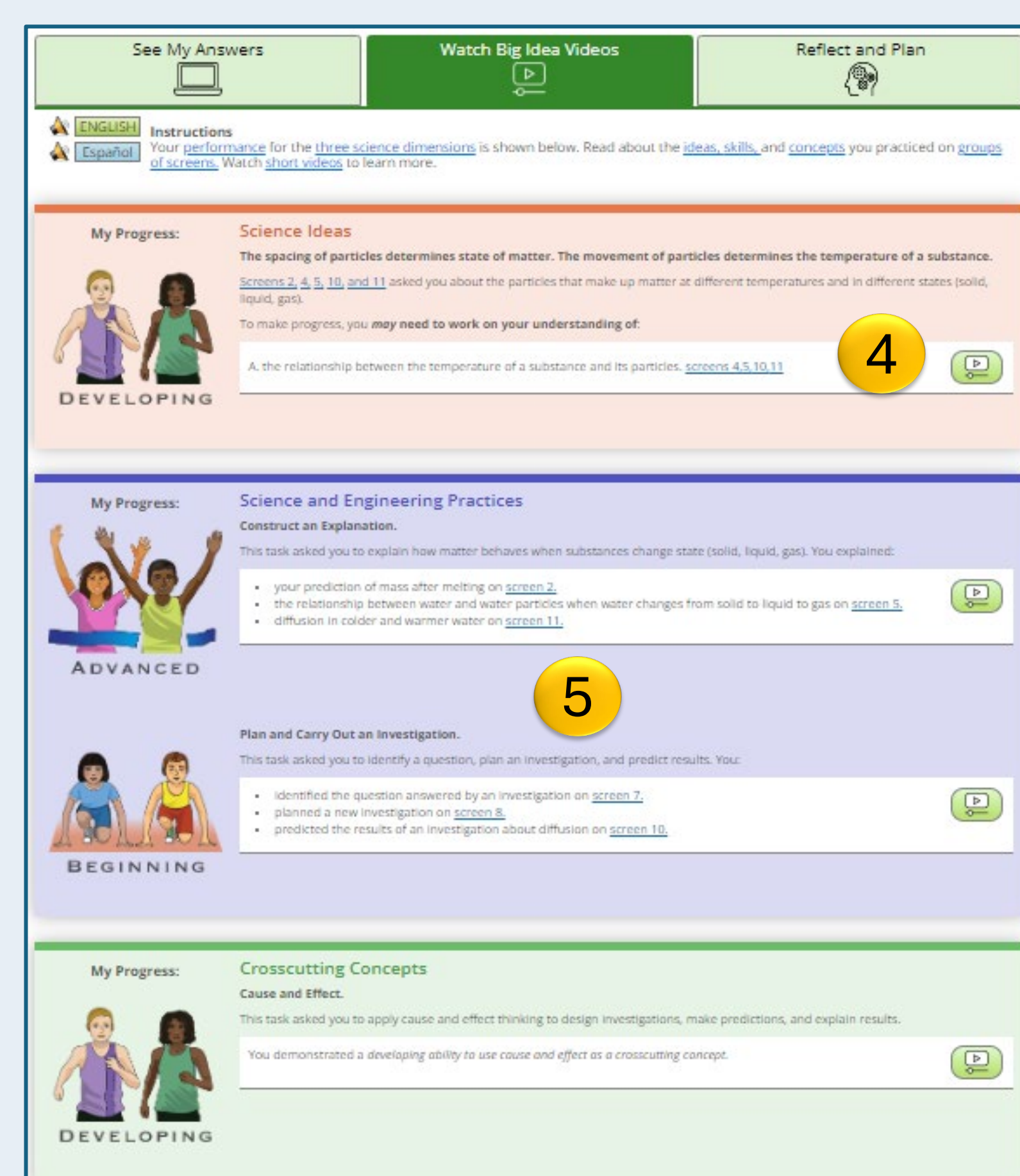


Sample Student Report



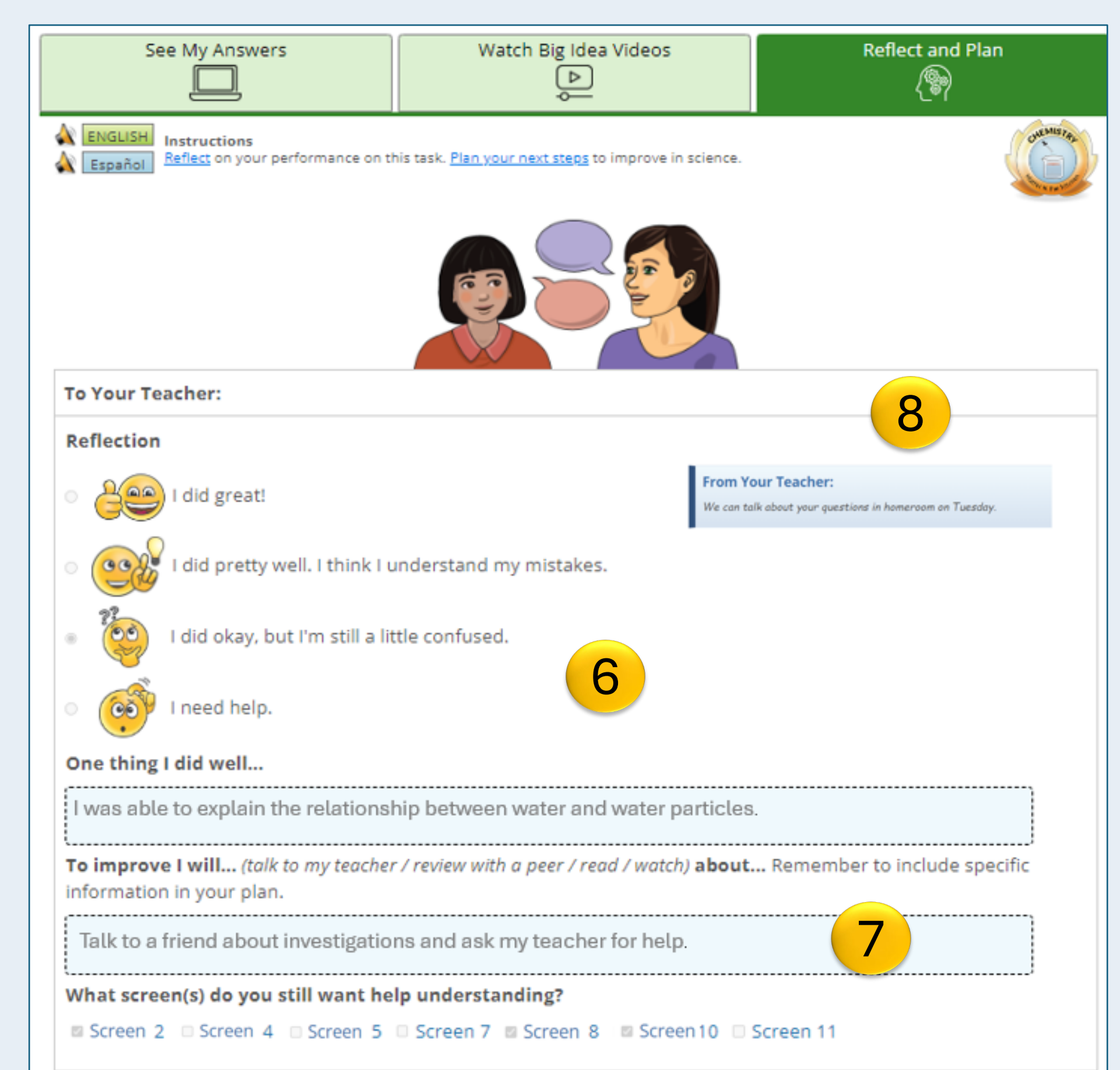
Good formative feedback is:

- low stakes. (2)
- timely.
- specific. (3,4,5)
- growth-oriented. (2,4)
- personalized. (2,3,4,5,8)
- tied to learning goals. (4,5)
- actionable. (3,4,8)



Multi-dimensional assessment:

- focuses on a phenomenon or problem. (1)
- allows for multiple response modes. (1)
- requires sense-making. (1)
- incorporates multiple components (DCIs, SEPs, CCCs). (1,4,5)
- elicits evidence aligned to 3D learning goals. (1,4,5)



Reflective assessment:

- provides space and time for students to evaluate their performance and understanding. (6,7)
- encourages students to set realistic goals and monitor their own progress. (7)
- provides teachers with insights into students' thinking beyond scores. (4,5 6,7)

In Practice Consider these questions about your own assessment practices. Is your assessment feedback:

- metacognitive? Are students encouraged to think about their own thinking?
- active? Are students engaged in self-evaluation through writing, talking, and planning?
- guided? Are students supported in thinking about their learning so that their reflections are clear and specific?
- growth-oriented? Are students experiencing assessment as part of the learning process rather than a graded evaluation?
- ongoing? Are students regularly engaged in reflection so that they are developing positive reflection habits?