



Classroom Transcript: Initial Ideas Discussion

- Teacher: Fascinating additions to your observation list when the sound came out, right? And I only visited two tables but I'm curious if you guys had a similar observation when you saw it with sound as they did. Can you share something you've added after you heard the sound?
- Student 1: When the music got slower towards the end, the speaker stopped vibrating as fast, it got slower, too.
- Teacher: Okay. So, when this got towards the end and the sound was...
- Student 1: It slowed down, and the speaker's vibration slowed down.
- Teacher: Anybody else notice that? Student 2, can you share what you wrote down about that?
- Student 2: Every time the beat happened, *(7 second pause)* it would do less movement in high pitch.
- Teacher: Less movement in high pitch than in the beat? Awesome. I didn't hear from, I didn't get to stop at you guys. Did you guys add something or can you share one of your observations, Student 3? *(5 second pause)* What did you notice most? *(7 second pause)*
- Student 3: Every time the beat went up. No, every time the beat dropped and it showed that it kept going in that weird pattern.
- Teacher: Okay. Can you say that one more time? Because I think I heard the same thing from both of these tables but I'm not sure that they heard you.
- Student 3: Every time the beat dropped it went back up and it had that weird pattern.
- Teacher: Had a weird pattern. Can you describe the weird pattern?
- Student 3: I don't know how to describe it. But you know when it dropped, and it goes back up at the high point, yeah. *(4 second pause)*
- Teacher: Can one of you guys add in and help her describe that pattern? Yeah?
- Student 4: Maybe because it was kind of like a steady beat so every time it went down and high it would keep going in and out and in and out.
- Teacher: Is that what you mean? That is what you mean. Oh, cool. And is that similar...

