Directions.

We are in the item development phase for a new survey on teachers' perceptions of online learning. We have developed items related to four constructs: (1) Effectiveness of Learning, (2) Student Centeredness, (3) Interactiveness (or Interactivity) of Learning and (4) Engagedness of Learning.

Please respond to each statement indicating whether you agree or disagree that the statement aligns with the construct.

A comment box below each statement allows for possible suggestions on ways to improve the statement.

Q1. Construct: Effectiveness of Learning

	Disagree	Agree
Online learning allows students to acquire content knowledge	○	◉
Online learning allows students to develop conceptual understanding	○	◉
Online learning is effective for learning about the topics in the curriculum	○	◉
Online learning is effective for building knowledge and understanding	○	◉
Online learning supports student achievement [Is student achievement always associated with learning?]	◉	○
Online learning provides effective learning resources	○	◉
Online learning supports achievement with multi-media content [In the middle here]	◉	○
Online learning prepares students for high stakes assessments	○	◉
Online learning prepares students for work and/or further education [I think I'd split these]	○	◉
Online learning accomplishes the goals of the curriculum [this item is more looking at curriculum alignment rather than student learning]	◉	○
Online learning promotes higher-order thinking skills as analysis, synthesis, and evaluation	○	◉
Online learning builds student communication skills	○	◉
Online learning builds student social skills	○	◉
Online learning includes focused assessment and feedback	◉	○
Online learning effectively assesses student performance	◉	○
Online learning assessments provide teachers with reliable information on student progress	◉	○
Online learning encourages academic integrity and adherence to intellectual property standards	◉	○

Q15. Are there any statements related to the construct that we failed to include?

Q7. What (if any) additional comments do you have about this set of items?

My thought here was should this construct be named Effectiveness of Digital Platform or something similar instead? It seems to include items that go beyond student-centered items (learning). Some of the items I disagreed on, I was more in the middle (and going back to my first question... would some of these items more closely align with the effectiveness of mode of instruction instead? For the panel feedback stage, it would also be helpful to include how you define the construct.

Q2. Construct: Student Centeredness

	Disagree	Agree
Online learning is student-centered	○	◉
Online learning offers students choices	○	◉
Online learning allows for differentiation based on student needs	○	◉
Online learning supports flexible pacing for students	○	◉
Online learning supports learner-customized pacing	○	◉
Online learning aligns instruction to individual learning goals	○	◉
Online learning encourages diverse student perspectives	○	◉
Online learning is personalized and adaptive	○	◉
Online learning is responsive to students	○	◉
Online learning is culturally responsive	○	◉

Q14. Are there any statements related to the construct that we failed to include?

Q8. What (if any) additional comments do you have about this set of items?

Q3. Construct: Interactiveness (or Interactivity) of Learning

	Disagree	Agree
Online learning supports student-to-student interaction	○	◉
Online learning allows students to collaborate on learning tasks	○	◉
Online learning encourages student-to-student discussions	○	◉
Online learning provides a space for students to work in teams	○	◉

	Disagree	Agree
Online learning allows one-on-one student interaction with the teacher	○	◉
Online learning builds community among students	○	◉
Online learning encourages academic dialogue `in general or with one another in the online classroom environment (the other items are phrased more specifically)`	○	◉
Online learning is collaborative `Maybe something like online learning promotes collaboration.`	○	◉
Online learning requires active participation	○	◉
Online learning allows teachers to provide timely responses	○	◉

Q13. Are there any statements related to the construct that we failed to include?

Q9. What (if any) additional comments do you have about this set of items?

Q4. Construct: Engagedness of Learning

	Disagree	Agree
Online learning engages students in meaningful ways	○	◉
Online learning connects learning to real world situations `Seem comment below for the other real-world item`	◉	○
Online learning builds self-directed learning skills `maybe encourages instead of builds here`	◉	○
Online learning supports project-based learning	○	◉
Online learning supports creative thinking and innovation	○	◉
Online learning engages student agency	○	◉
Online learning engages student self-directed learning `Not sure how this item is very different from the one above, but like the phrasing better in this one`	○	◉
Online learning helps students transfer learning to novel situations	◉	○
Online learning is interesting `You might be careful about whether asking teachers about online learning for their students or themselves. Some teachers may respond to this differently depending on "who" they're applying this item to.`	○	◉

Online learning motivates students to learn

Online learning makes content applicable to real-world contexts | I'm wondering if some of the items that touch on real-world contexts is measuring something other than engagement? Maybe it's actually measuring applicability of online learning instead.

Online learning builds time management skills | Is this really measuring engagement? Or more EF skills?

Online learning requires time commitment

Online learning engages student autonomy

Q12. Are there any statements related to the construct that we failed to include?

Q10. What (if any) additional comments do you have about this set of items?

Q11. Thank you for completing the item review. What (if any) additional comments do you have about this scale as a whole?

Location Data

Location: (33.166900634766, -87.506401062012)

Source: GeoIP Estimation