

Assessment for learning in STEM teaching

Vignettes to develop your own thinking

Number and Start time		Subject, Topic & Level	Question(s) to consider	Notes
1.	0:05	Physics / Radiation Year 11 (15/16 year olds)	If this was your class, and you were faced with this mixture of responses, what would you do next, and why?	
2.	0:53	Chemistry / Solutions Year 11	If these were your students, what would be a suitable hinge-point question to ask, and why?	
3.	2:00	Maths / Position to term rules Year 8 (12/13 year olds)	The majority of the class have got the answers correct. However, a small group has not. What would you do next, and why?	
4.	2:47	Biology / Photo-synthesis Year 11	If you wanted to probe your students' understanding of photosynthesis, what would be a suitable hinge-point question to ask at this point, and why?	
5.	3:24	Plant growth Year 3 (7/8 year olds)	If these were your students, what would be a	

			suitable hinge-point question to ask at this point, and why?	
6.	4:29	Natural Selection Year 6 (10/11 year olds)	If the chart shown summarised the responses to the hinge-point question, what would this tell you, and why? What are the dangers of asking multi-answer questions of this type?	