

Analyse video Pose-Pause-Pounce-Bounce (behoud van energie)

Leeftijdscategorie: 13-14 jaar

Time-Stamp (Start)	Bijdrage aan dialoog		Analyse		
	Docent	Leerling	Dialogisch	Niet-dialogisch	Specifieke <i>talk move</i>
Introductie van demonstratie (Pose-Pause)					
00:41	So, this is a conservation of energy demo, ...eh...what we're gonna do is we're gonna get this ball and lift it up to your face where it should get potential energy.				
	When you let go, will it hit you in the face or not?				
00:58	So, if you just wanna move your nose right up close, and when you're ready just let go of the ball.				
Plenaire discussie over voorspellingen (Pounce-Bounce)					
01:20	Quick question, before we'll watch what's gonna happen.				
01:26	Harrison. What's gonna happen when he lets this ball go?				
01:30		It's gonna... move and then it's gotta come back and hit him.			
01:34	Gonna move, come back, and hit him. That's what you say.				
01:38	Eh..Dan, what you reckon?				

01:39	Uhm... I think it's gonna come back , but it's gonna like... be at the same point as where he released it.				
01:44	Ok. Why do you think that?				
01:45		Coz, it like.. [?] Same like... like.. .way ... [?] ... and it comes straight back down.. and not...			
01:55	Ok. It's going the same way. Coming straight back down.				
	Think in energy. Think in energy.				
02:01	Ehm... Kyle. Do you agree with Dan that it's gonna come back right to the point where he's gonna drop it from, or do you agree with... who was it that said it was gonna hit him... Harrison.				
02:11		Uhm... I agree with Dan.			
02:14	Why?				
02:14		Uhm... energy can't be created. So...			
02:22	So, you're saying.. ne... new energy can't be created.				

02:27	Ok. Holly, what do you think?				
02:28		I think it won't go back to the exact point because there will be waste energy within that.. meaning it would be [?] less and less each time until eventually it just stops			
02:36	Ok. So, we've got different opinions. Let's see, ay!				
uitvoeren demonstratie (incl. eindresultaat)					
02:42	And when you're ready, just let go of the ball				
02:49	Hehehe!	Hahaha!			

Een lens om naar dialogen te kijken

Dialogische *talk moves* zijn gerelateerd aan hogere-orde denkenprocessen.

Niet-dialogische *talk moves* zijn gerelateerd aan lagere-orde denkprocessen.

De vuistregel is om voornamelijk **dialogische** *talk moves* te gebruiken als je wilt dat leerlingen **relaties leggen** tussen kennisstukken en als ze **betekenis geven** aan nieuwe informatie (bv. tijdens voorspellen van demonstraties, of het uitleggen waarom een bepaalde conclusie getrokken kan worden;).

Code	Beschrijving
<i>niet-dialogische talk moves</i>	
A-ha!	Utterance which indicates that person feels that 'the penny has dropped'
Guide	<p>Example: <i>Yes, now I get it</i></p> <p>Utterance that aims at helping to make the next step.</p>
Invitation to Guide	<p>Example: <i>5700 K squared, then squared again, and then multiply by that small constant</i></p> <p>Invitation for guidance on 'which next step to take'</p>
Invitation to Report or Recall Fact Evaluation	<p>Example: <i>So, you can simply divide these with each other?</i></p> <p>Invitation to give factual and/or descriptive information and/or share an observation</p>
Express Idea	<p>Example: <i>The symbol F stands for?</i></p> <p>A brief 'yes'/'no' response to an answer to a question.</p>
	<p>Example: <i>Yes, exactly.</i></p> <p>Utterance that gives factual and/or descriptive information information. It is a brief answer to a question.</p>
	<p>Example: <i>It gets negative</i></p>
MiniLecture	Monologue or Lecture during which someone introduced new knowledge and/or summarises previously learnt knowledge and/or makes links between previously learnt and newly learnt knowledge.
<i>dialogische talk moves</i>	
Build on own or Others' ideas	<p>Utterance that builds on, elaborates, clarifies or comments on own or others' ideas expressed on previous turns.</p> <p>It includes explaining, justifying, and hypothesising</p>
Challenge	<p>Example: <i>Because that second equation states 2-0-6</i></p> <p>Questioning, doubting, querying, quarreling, disagreeing with or challenging an idea.</p>
Invitation to Build on own or others' ideas	<p>Example: <i>A cubic metre, is that an area?</i></p> <p>Invitation to continue the conversation based on the contributions already made in the dialogue, such as requests to clarify, justify, elaborate, and hypothesise</p>
	<p>Example: <i>Why would they not be allowed to cross each other?</i></p>