

Task	User	Terms Used	Query States	Observations	OISS	Code	OISS Domain	Verbalization
	User_1	mass weight volume density	Initial State (IS)		Control	C2	Behavioral	1
1		what is density	Word Substitution (WS)	changed to a question	Selection of the main ideas	SMI2	Metacognitive	1
		what is density of materials AND physics	Specialization (SC)		Selection of the main ideas	SMI7	Metacognitive	0
		what is volume of materials AND physics	Word Substitution (WS)	changed one word, but this word changed the search's subject	Trial and error	TE1	Procedural	1
		what are the bones of the human body	Initial State (IS)		Purposeful Thinking	PT1	Metacognitive	1
2	User_1	what are the muscles of the human body	Word Substitution (WS)	changed the search's subject	Control	C7	Behavioral	1
		moving joints of the human body	Word Substitution (WS)	changed the search's subject	Selection of the main ideas	SMI7	Metacognitive	0
		articulations of the human body	Word Substitution (WS)		Evaluation	E3	Metacognitive	0
3	User_1	prostheses	Initial State (IS)		Control	C2	Behavioral	0

	relationships between prostheses and movable joints	Specialization (SC)	from a single word to a question about relationship	Purposeful Thinking	SMI6	Metacognitive	0	
				Selection of the main ideas	PT1	Metacognitive	1	
	prosthesis	Return State (RS)			SMI6	Metacognitive	0	
				Selection of the main ideas	SMI1	Metacognitive	1	
	prosthesis				SMI6	Metacognitive	0	
				Selection of the main ideas	SMI1	Metacognitive	0	
	bone joints AND prostheses	Specialization (SC)		Control	C7	Behavioral	1	
					SMI6	Metacognitive	0	
				Selection of the main ideas	SMI6	Metacognitive	0	
	arthroplasty	Related (RE)			SMI7	Metacognitive	0	
					E2	Metacognitive	0	
				Trial and error	TE1	Procedural	1	
				Selection of the main ideas	SMI1	Metacognitive	1	
				Evaluation	E3	Metacognitive	0	
						Procedural		
	User_2	weight	Initial State (IS)	Control	C1	Behavioral	0	
					SMI2	Metacognitive	1	
				Selection of the main ideas	SMI6	Metacognitive	0	
1				Control	C8	Behavioral	1	
					TE1	Procedural	1	
				Trial and error	SMI2	Metacognitive	1	
				Selection of the main ideas	C8	Behavioral	1	
					SMI8	Metacognitive	1	
				Selection of the main ideas	SMI7	Metacognitive	0	
				Evaluation	E3	Metacognitive	0	
				Control	C6	Behavioral	0	
					TE1	Procedural	1	
				Trial and error	SMI2	Metacognitive	1	
	volume	New (NW)	New (NW)	Selection of the main ideas	C8	Behavioral	1	
					TE1	Procedural	1	
				Trial and error	SMI2	Metacognitive	1	
	mass	New (NW)	New (NW)	Control	PT1	Metacognitive	1	
					C8	Behavioral	1	
				Trial and error	SMI2	Metacognitive	1	
	physical mass	Specialization (SC)	Specialization (SC)	Selection of the main ideas	PT1	Metacognitive	1	
				Control	C8	Behavioral	1	

		mass weight density volume	Word Substitution (WS)	included more words	Trial and error Selection of the main ideas	TE1 SMI2	Procedural	1
2	User_2	osseous and muscular system	Initial State (IS)	Evaluation Control Selection of the main ideas	E3 C1 SMI2	Metacognitive Metacognitive Behavioral	1 1 0	
			Purposeful Thinking	PT1	Metacognitive	1		
			Trial and error	TE3	Procedural	1		
			Evaluation	E2	Metacognitive	0		
			Evaluation	E3	Metacognitive	1		
			Control	C6	Behavioral	1		
			Control	C8	Behavioral	1		
			Evaluation	E3	Metacognitive	0		
		articular system	Word Substitution (WS)	used less words, but it changed the search's subject	Trial and error Selection of the main ideas	TE1 SMI2	Procedural	1
			Purposeful Thinking	PT4	Metacognitive	1		
		articular system	Repeat (RP)	Selection of the main ideas	SMI4	Metacognitive	1	
			Selection of the main ideas	SMI5	Metacognitive	1		
			Selection of the main ideas	SMI6	Metacognitive	0		
			Evaluation	E1	Metacognitive	0		
			Evaluation	E3	Metacognitive	0		
		3	joint prosthesis	Initial State (IS)	Control C1	Behavioral	0	
			leg prosthesis	Word Substitution (WS)	Control C8	Behavioral	0	
			Return State (RS)	Trial and error TE1	Procedural	1		
			Purposeful Thinking	PT1	Metacognitive	1		
			Evaluation	E3	Metacognitive	0		
			Trial and error	TE1	Procedural	1		
			Purposeful Thinking	PT1	Metacognitive	1		
			Selection of the main ideas	SMI5	Metacognitive	0		
			Selection of the main ideas	SMI6	Metacognitive	0		
			Selection of the main ideas	SMI1	Metacognitive	1		

			Purposful Thinking	PT4	Metacognitive	1
		Selection of the main ideas	SMI4	Metacognitive	0	
		Evaluation	E3	Metacognitive	0	
		Purposful Thinking	PT1	Metacognitive	1	
		Selection of the main ideas	SMI5	Metacognitive	0	
joint prosthesis experience	Specialization (SC)	Control	C8	Behavioral	1	
joint prosthesis before and after	Word Substitution (WS)	Selection of the main ideas	SMI5	Metacognitive	0	
joint prosthesis yahoo answers	Word Substitution (WS)	Evaluation	E3	Metacognitive	0	
arthroplasty	Related (RE)	changed the search query to retrieve a situation from a specific website	Selection of the main ideas	SMI1	Metacognitive	1
recovery arthroplasty	Specialization (SC)	Trial and error	TE1	Procedural	1	
"recovery arthroplasty"	Repeat (RP)	Purposful Thinking	PT4	Metacognitive	0	
total recovery arthroplasty	Specialization (SC)	Selection of the main ideas	SMI4	Metacognitive	1	
arthroplasty restore strength	Word Substitution (WS)	Evaluation	E3	Metacognitive	0	
arthroplasty	Generalization (GE)	Selection of the main ideas	SMI1	Metacognitive	0	

		Purposful Thinking	PT1	Metacognitive	1
		Control	C6	Behavioral	1
		Evaluation	E2	Metacognitive	1
		Evaluation	E3	Metacognitive	1
		Selection of the main ideas	SMI3	Metacognitive	1
largest human body bones	Word Substitution (WS)	included more words			
		Purposful Thinking	PT1	Metacognitive	1
		Control	C8	Behavioral	1
		Selection of the main ideas	SMI5	Metacognitive	1
		Evaluation	E2	Metacognitive	0
		Evaluation	E3	Metacognitive	0
		Purposful Thinking	PT1	Metacognitive	1
infographic largest human body bones	Specialization (SC)	specification of a document type			
		Evaluation	E2	Metacognitive	0
		Evaluation	E3	Metacognitive	0
		Control	C6	Behavioral	0
largest human body bones	Generalization (GE)	returned to a previous query			
		Selection of the main ideas	SMI2	Metacognitive	0
		Evaluation	E3	Metacognitive	0
		Purposful Thinking	PT1	Metacognitive	1
		Evaluation	E3	Metacognitive	0
		Control	C6	Behavioral	0
second largest human body bones	Specialization (SC)				
		Selection of the main ideas	SMI2	Metacognitive	0
		Evaluation	E2	Metacognitive	0
		Evaluation	E3	Metacognitive	1
largest human body bones	Generalization (GE)	returned to a previous query			
		Selection of the main ideas	SMI6	Metacognitive	0
		Evaluation	E2	Metacognitive	0
		Selection of the main ideas	SMI2	Metacognitive	0
The Top Ten: Longest Bones in the Human Body	Word Substitution (WS)	included more words			
		Purposful Thinking	PT1	Metacognitive	0
		Selection of the main ideas	SMI2	Metacognitive	1
		Purposful Thinking	PT1	Metacognitive	1
		Selection of the main ideas	SMI6	Metacognitive	0
		Evaluation	E2	Metacognitive	0
		Evaluation	E3	Metacognitive	1
The Top Ten: muscles	Word Substitution (WS)	changed search's subject			
		Control	C8	Behavioral	1

	largest muscles in the body	Word Substitution (WS)	from recommendation system	Selection of the main ideas	SMI3	Metacognitive	1
			Selection of the main ideas	SMI5	Metacognitive	1	
			Selection of the main ideas	SMI6	Metacognitive	0	
		Evaluation		E3	Metacognitive	1	
latissimus dorsi	Related (RE)	Control		C2	Behavioral	1	
		Trial and error		TE1	Procedural	0	
		Purposeful Thinking		PT1	Metacognitive	0	
pectoralis major	Related (RE)	Control		C8	Behavioral	1	
		Trial and error		TE1	Procedural	0	
		Purposeful Thinking		PT1	Metacognitive	0	
deltoid	Related (RE)	Control		C8	Behavioral	1	
		Trial and error		TE1	Procedural	0	
		Purposeful Thinking		PT1	Metacognitive	0	
brachialis	Related (RE)	Control		C8	Behavioral	1	
		Trial and error		TE1	Procedural	0	
		Purposeful Thinking		PT1	Metacognitive	0	
brachioradialis	Related (RE)	Control		C8	Behavioral	1	
		Trial and error		TE1	Procedural	0	
		Purposeful Thinking		PT1	Metacognitive	0	
quadriceps femoris	Related (RE)	Control		C8	Behavioral	1	
		Trial and error		TE1	Procedural	0	
		Purposeful Thinking		PT1	Metacognitive	0	
iliopsoas	Related (RE)	Control		C8	Behavioral	1	
		Trial and error		TE1	Procedural	0	
		Purposeful Thinking		PT1	Metacognitive	0	
sartorius	Related (RE)	Control		C8	Behavioral	1	
		Trial and error		TE1	Procedural	0	
		Purposeful Thinking		PT1	Metacognitive	0	
movable joints	New (NW)	New (NW)		C2	Behavioral	0	
		Trial and error		TE1	Procedural	1	
		Purposeful Thinking		PT1	Metacognitive	1	
		Selection of the main ideas		SMI6	Metacognitive	0	
	Evaluation	E3		E3	Metacognitive	1	

		movable joints examples	Specialization (SC)	Purposeful Thinking	PT1	Metacognitive	1
				Control	C8	Behavioral	1
			Selection of the main ideas	SM15	Metacognitive	1	
			Selection of the main ideas	SM16	Metacognitive	0	
			Evaluation	E3	Metacognitive	1	
3	User_4	prostesis limb	Initial State (IS)	Control	C1	Behavioral	0
			Repeat (RP)	Control	C8	Behavioral	0
			from recommendation system	Selection of the main ideas	SM13	Metacognitive	1
				Selection of the main ideas	SM15	Metacognitive	0
				Evaluation	E3	Metacognitive	0
			prosthesis limb for movable joints	Selection of the main ideas	SM12	Metacognitive	1
				Purposeful Thinking	PT1	Metacognitive	1
				Selection of the main ideas	SM15	Metacognitive	1
				Selection of the main ideas	SM16	Metacognitive	0
				Evaluation	E2	Metacognitive	0
1	User_5	mass, weight, volume and density	Initial State (IS)	Google search engine	E3	Metacognitive	1
			Hit Google's I'm Feeling Lucky button	Control	C1	Behavioral	1
				Control	C10	Behavioral	0
				Select Main Ideas	SM14	Metacognitive	1
				Select Main Ideas	SM16	Metacognitive	0
				Select Main Ideas	SM17	Metacognitive	1
				Evaluation	E4	Metacognitive	0
				Control	C6	Behavioral	1
				Select Main Ideas	SM14	Metacognitive	0
				Select Main Ideas	SM16	Metacognitive	0
				Select Main Ideas	SM17	Metacognitive	0
				Evaluation	E3	Metacognitive	0
				Evaluation	E4	Metacognitive	0
2	User_5	main bones of the human body	Initial State (IS)	Search from Chrome's address bar	Control	C4	Behavioral
					Select Main Ideas	SM12	Metacognitive
					Select Main Ideas	SM14	Metacognitive
					Select Main Ideas	SM16	Metacognitive
				Control	C6	Behavioral	0

biggest bones in the human body	Word Substitution (WS)	Search from Chrome's address bar	Control	C4		Behavioral		1
			Trial and Error	TE1		Procedural		0
		Select Main Ideas	SMI4			Metacognitive		1
		Select Main Ideas	SMI6			Metacognitive		1
		Select Main Ideas	SMI7			Metacognitive		0
		Evaluation	E3			Metacognitive		1
main muscles of the human body	Word Substitution (WS)	Search from Chrome's address bar	Control	C4		Behavioral		1
		Select Main Ideas	SMI2			Metacognitive		0
		Select Main Ideas	SMI4			Metacognitive		1
		Select Main Ideas	SMI6			Metacognitive		0
		Select Main Ideas	SMI8			Metacognitive		1
		Evaluation	E3			Metacognitive		1
		Trial and Error	TE3			Procedural		1
		Select Main Ideas	SMI6			Metacognitive		0
		Evaluation	E2			Metacognitive		0
		Evaluation	E3			Metacognitive		1
pairs of movable junction of the human body	Word Substitution (WS)	Search from Chrome's address bar	Control	C4		Behavioral		0
		Select Main Ideas	SMI2			Metacognitive		0
		Select Main Ideas	SMI4			Metacognitive		1
		Select Main Ideas	SMI6			Metacognitive		0
		Evaluation	E3			Metacognitive		1
		Control	C6			Behavioral		0
		Trial and Error	TE3			Procedural		1
		Select Main Ideas	SMI6			Metacognitive		0
		Evaluation	E3			Metacognitive		1
		Control	C6			Behavioral		0
		Trial and Error	TE3			Procedural		1
		Select Main Ideas	SMI6			Metacognitive		0
		Select Main Ideas	SMI8			Metacognitive		0
		Control	C6			Behavioral		1
pairs of movable joint of the human body	Word Substitution (WS)	Evaluated the SERP	Evaluation	E3		Metacognitive		0
			Problem-Solving	PS1		Procedural		1
		Purposeful Thinking	PT1			Metacognitive		1
		Select Main Ideas	SMI4			Metacognitive		1
		Select Main Ideas	SMI8			Metacognitive		1
		Select Main Ideas	SMI7			Metacognitive		0
pairs of "movable joint" of the human body	Word Substitution (WS)	Repeat (RP)						

		Trial and Error	TE3	Procedural	1
		Select Main Ideas	SMI6	Metacognitive	0
		Control	C6	Behavioral	0
	Opened up a pdf file	Trial and Error	TE3	Procedural	1
		Select Main Ideas	SMI8	Metacognitive	0
		Select Main Ideas	SMI6	Metacognitive	0
		Select Main Ideas	SMI7	Metacognitive	0
		Purposeful Thinking	PT1	Metacognitive	1
		Select Main Ideas	SMI4	Metacognitive	1
		Select Main Ideas	SMI8	Metacognitive	0
		Select Main Ideas	SMI6	Metacognitive	0
		Select Main Ideas	SMI7	Metacognitive	0
		Trial and Error	TE1	Procedural	1
		Select Main Ideas	SMI4	Metacognitive	1
		Control	C6	Behavioral	1
		Purposeful Thinking	PT1	Metacognitive	1
		Select Main Ideas	SMI4	Metacognitive	1
		Control	C6	Behavioral	1
		Select Main Ideas	SMI4	Metacognitive	1
		Select Main Ideas	SMI6	Metacognitive	0
		Select Main Ideas	SMI8	Metacognitive	1
		Evaluation	E3	Metacognitive	1
		Evaluation	E1	Metacognitive	0
		Evaluation	E4	Metacognitive	1
		Control	C1	Behavioral	1
		Control	C2	Behavioral	1
		Select Main Ideas	SMI2	Metacognitive	1
		Select Main Ideas	SMI6	Metacognitive	0
		Select Main Ideas	SMI7	Metacognitive	1
		Control	C6	Behavioral	1
		Purposeful Thinking	PT1	Metacognitive	1
		Select Main Ideas	SMI2	Metacognitive	1
		Select Main Ideas	SMI6	Metacognitive	0
		Select Main Ideas	SMI7	Metacognitive	0
		Control	C6	Behavioral	1
		Purposeful Thinking	PT1	Metacognitive	1
		Select Main Ideas	SMI2	Metacognitive	1
		Select Main Ideas	SMI6	Metacognitive	0
1	User_6	What is weight physics	Word Substitution (WS)	Read the concept at Google's box	What is mass physics
		Initial State (IS)	Opened up Google's site		

		Clicked at a link provided by Google's answer box	Select Main Ideas	SMI4	Metacognitive	1
		Select Main Ideas	SMI6	Metacognitive	0	
		Select Main Ideas	SMI7	Metacognitive	0	
		Select Main Ideas	SMI3	Metacognitive	1	
		Evaluation	E3	Metacognitive	1	
		Control	C6	Behavioral	0	
		Trial and Error	TE3	Procedural	1	
		Control	C6	Behavioral	0	
		Trial and Error	TE3	Procedural	1	
		Select Main Ideas	SMI6	Metacognitive	0	
		Select Main Ideas	SMI7	Metacognitive	0	
		Evaluation	E1	Metacognitive	0	
		Evaluation	E4	Metacognitive	0	
		Control	C1	Behavioral	0	
		Select Main Ideas	SMI2	Metacognitive	1	
		Evaluation	E3	Metacognitive	0	
		Purposeful Thinking	PT1	Metacognitive	1	
		Trial and Error	TE3	Procedural	1	
		Select Main Ideas	SMI6	Metacognitive	0	
		Select Main Ideas	SMI5	Metacognitive	0	
		Select Main Ideas	SMI6	Metacognitive	0	
		Control	C6	Behavioral	1	
		Trial and Error	TE1	Procedural	0	
		Evaluation	E3	Metacognitive	0	
		Purposeful Thinking	PT1	Metacognitive	0	
		Evaluation	E3	Metacognitive	0	
		Trial and Error	TE1	Procedural	1	
		Select Main Ideas	SMI6	Metacognitive	0	
		Trial and Error	TE1	Procedural	1	
		Select Main Ideas	SMI6	Metacognitive	0	
		Evaluation	E1	Metacognitive	0	
		Evaluation	E2	Metacognitive	0	
		Evaluation	E3	Metacognitive	0	
		Evaluation	E4	Metacognitive	0	
		Control	C1	Behavioral	1	
3	User_7	prostheses joints	Initial State (IS)			
		Evaluated the SERP				
		Specialization (SC)				
		prostheses joints functioning				
		prostheses structure				
		Word Substitution (WS)				
		Evaluated the SERP				
		Specialization (SC)				
		Evaluated the SERP				
		Opened in a new tab				
		Word Substitution (WS)				
		prostheses joints functioning				
		prostheses joints features				
		Word Substitution (WS)				
		Opened up a pdf file				
		Word Substitution (WS)				
		prosthetic limb joints features				
		Word Substitution (WS)				
		Opened up Google's site				
		Weight description				
1	User_8	Weight description	Initial State (IS)			

	Evaluated the SERP	Evaluation	E3	Metacognitive	0
	Select Main Ideas	SMI4	Metacognitive	1	
	Control	C6	Behavioral	0	
	Trial and Error	TE3	Procedural	1	
	Select Main Ideas	SMI6	Metacognitive	0	
	Select Main Ideas	SMI7	Metacognitive	0	
	Evaluation	E3	Metacognitive	0	
	Evaluation	E4	Metacognitive	0	
	Control	C2	Behavioral	1	
	Select Main Ideas	SMI3	Metacognitive	1	
	Evaluation	E3	Metacognitive	0	
	Control	C8	Behavioral	1	
	clicked at the link from the image at position 6	Select Main Ideas	SMI4	Metacognitive	1
	Select Main Ideas	SMI6	Metacognitive	0	
	Control	C6	Behavioral	1	
	Select Main Ideas	SMI4	Metacognitive	1	
	Select Main Ideas	SMI6	Metacognitive	0	
	clicked at a YouTube video link provided by the Webpage	Select Main Ideas	SMI5	Metacognitive	1
	used muscle's name provided by the YouTube video	Control	C2	Behavioral	1
	Copied description provided by Google's SERP	Select Main Ideas	SMI7	Metacognitive	0
	used muscle's name provided by the YouTube video	Control	C2	Behavioral	1
	Copied description provided by Google's SERP	Select Main Ideas	SMI7	Metacognitive	1
	used muscle's name provided by the YouTube video	Control	C2	Behavioral	1
	Copied description provided by Google's SERP	Select Main Ideas	SMI7	Metacognitive	0
	used muscle's name provided by the YouTube video	Control	C2	Behavioral	0
	Copied description provided by Google's SERP	Select Main Ideas	SMI7	Metacognitive	0
	used muscle's name provided by the YouTube video	Control	C2	Behavioral	0
	Copied description provided by Google's SERP	Select Main Ideas	SMI7	Metacognitive	1
	used name provided by the YouTube video	Control	C2	Behavioral	1
	Copied description provided by Google's SERP	Select Main Ideas	SMI7	Metacognitive	1
	is patellar tendon a muscle	Related (RE)			
	What is a tendon	Word Substitution (WS)			
	calf muscle	Related (RE)			
	sural triceps muscle	Word Substitution (WS)			

		Copied description provided by Google's SERP	Select Main Ideas	SMI7	Metacognitive	0
	movable joints	New (NW)	Control	C2	Behavioral	0
			Select Main Ideas	SMI6	Metacognitive	0
			Control	C6	Behavioral	1
			Select Main Ideas	SMI4	Metacognitive	1
			Select Main Ideas	SMI6	Metacognitive	0
			Select Main Ideas	SMI7	Metacognitive	0
			Evaluation	E2	Metacognitive	0
			Evaluation	E4	Metacognitive	0
	definition of movable joints of the human body	Specialization (SC)	Select Main Ideas	SMI3	Metacognitive	1
		Purposeful Thinking	PT1	Metacognitive	0	
		Select Main Ideas	SMI6	Metacognitive	0	
		Select Main Ideas	SMI7	Metacognitive	0	
		Purposeful Thinking	PT1	Metacognitive	0	
		Select Main Ideas	SMI4	Metacognitive	1	
		Select Main Ideas	SMI6	Metacognitive	0	
		Select Main Ideas	SMI7	Metacognitive	1	
		Evaluation	E4	Metacognitive	0	
		Control	C2	Behavioral	1	
		Select Main Ideas	SMI3	Metacognitive	1	
		Trial and Error	TE3	Procedural	1	
		Purposeful Thinking	PT3	Metacognitive	0	
		Select Main Ideas	SMI8	Metacognitive	1	
		Select Main Ideas	SMI5	Metacognitive	1	
		Control	C6	Behavioral	0	
		Purposeful Thinking	PT1	Metacognitive	1	
		Select Main Ideas	SMI2	Metacognitive	1	
		Select Main Ideas	SMI4	Metacognitive	0	
		Select Main Ideas	SMI5	Metacognitive	1	
		Select Main Ideas	SMI6	Metacognitive	0	
		Control	C6	Behavioral	1	
		Trial and Error	TE1	Procedural	0	
		Purposeful Thinking	PT1	Metacognitive	0	
		Select Main Ideas	SMI4	Metacognitive	1	
		Select Main Ideas	SMI6	Metacognitive	0	
		Select Main Ideas	SMI7	Metacognitive	1	
		Control	C6	Behavioral	1	
3	User_8	Prosthetic movable joints	Initial State (IS)			
		Characteristics of a prosthetic limb's movable joints	Specialization (SC)			
		Prosthetic limb's joints	Generalization (GE)			
		Prosthetic limb's joints differences	Specialization (SC)			

	prosthetic knee joint system	Word Substitution (WS)	Evaluated the SERP	Trial and Error	TE1	Procedural	1
	Prosthetic knee joint system features	Specialization (SC)	Evaluated the SERP	Evaluation	E3	Metacognitive	0
		opened up pdf files	Purposeful Thinking	PT1	Metacognitive	0	
			Trial and Error	TE3	Procedural	1	
			Purposeful Thinking	PT3	Metacognitive	0	
			Select Main Ideas	SMI7	Metacognitive	0	
			Evaluation	E1	Metacognitive	0	
			Evaluation	E4	Metacognitive	0	
			Trial and Error	TE1	Procedural	1	
			Evaluation	E2	Metacognitive	0	
			Trial and Error	TE1	Procedural	1	
			Select Main Ideas	SMI4	Metacognitive	0	
			Select Main Ideas	SMI8	Metacognitive	0	
			Control	C6	Behavioral	1	
			Trial and Error	TE3	Procedural	1	
			Select Main Ideas	SMI6	Metacognitive	0	
			Trial and Error	TE1	Procedural	1	
			Select Main Ideas	SMI4	Metacognitive	0	
			Control	C6	Behavioral	1	
			Purposeful Thinking	PT1	Metacognitive	1	
			Select Main Ideas	SMI6	Metacognitive	0	
			Control	C10	Behavioral	1	
			Purposeful Thinking	PT1	Metacognitive	0	
			Trial and Error	TE1	Procedural	1	
			Evaluation	E3	Metacognitive	0	
			Trial and Error	TE1	Procedural	0	
			Select Main Ideas	SMI4	Metacognitive	1	
			Evaluation	E3	Metacognitive	0	
			Evaluation	E4	Metacognitive	0	
			Trial and Error	TE1	Procedural	1	
			Control	C6	Behavioral	1	
			Purposeful Thinking	PT1	Metacognitive	1	
			Select Main Ideas	SMI6	Metacognitive	0	
			Select Main Ideas	SMI7	Metacognitive	1	
			Evaluation	E4	Metacognitive	0	
			Control	C1	Behavioral	1	
1	User_9	weight and mass	Initial State (IS)				

3	User_9	prosthetic limb joint	Initial State (IS)					
		prosthetic limb joint for leg	Specialization (SC)	Evaluated the SERP	Returned to the initial state by clicking in the back button	Select Main Ideas	SMI6	Metacognitive
		prosthetic limb joint	Return State (RS)			Select Main Ideas	SMI7	Metacognitive
		prosthetic limb joint for lower limb	Specialization (SC)	Clicked at an in-site video	Control	Evaluation	E4	Metacognitive
		how does the prosthetic limb joint for lower limb works	Specialization (SC)	Evaluated the SERP	Purposeful Thinking	Evaluation	C1	Behavioral
				Evaluated the SERP	Control	Evaluation	SMI2	Metacognitive
				Opened the website at a new tab while checking the SERPs result	Purposeful Thinking	Evaluation	E3	Metacognitive
				Browsed through the website to know it better	Control	Evaluation	PT1	Metacognitive
					Purposeful Thinking	Evaluation	C6	Behavioral
					Control	Evaluation	SMI5	Metacognitive
					Purposeful Thinking	Evaluation	E3	Metacognitive
					Control	Evaluation	E4	Metacognitive
					Purposeful Thinking	Evaluation	C6	Behavioral
					Control	Evaluation	TE3	Procedural
					Purposeful Thinking	Evaluation	SMI5	Metacognitive
					Control	Evaluation	SMI6	Metacognitive
					Purposeful Thinking	Evaluation	C6	Behavioral
					Control	Evaluation	PT1	Metacognitive
					Purposeful Thinking	Evaluation	E4	Metacognitive
					Control	Evaluation	SMI6	Metacognitive
					Purposeful Thinking	Evaluation	SMI8	Metacognitive
					Control	Evaluation	E4	Metacognitive
					Purposeful Thinking	Evaluation	PT1	Metacognitive
					Control	Evaluation	SMI6	Metacognitive
					Purposeful Thinking	Evaluation	SMI5	Metacognitive
					Control	Evaluation	SMI8	Metacognitive
					Purposeful Thinking	Evaluation	E3	Metacognitive
					Control	Evaluation	E2	Metacognitive
					Purposeful Thinking	Evaluation	0	Metacognitive

			Evaluation	E4	Metacognitive	0
		Control	C6	Behavioral	0	0
		Control	C8	Behavioral	1	1
		Evaluation	E3	Metacognitive	1	1
how does the prosthetic knee limb's mechanical joint works	Word Substitution (WS)	Evaluated the SERP	Select Main Ideas	SMI2	Metacognitive	0
		Opened a pdf with hyperlinks	Select Main Ideas	SMI6	Metacognitive	0
		Evaluation	SMI5	Metacognitive	0	1
		Evaluation	E3	Metacognitive	0	0
		Evaluation	E2	Metacognitive	0	0
		Evaluation	E4	Metacognitive	0	0
1	User_10	Initial State (IS)	Control	C1	Behavioral	1
			Select Main Ideas	SMI2	Metacognitive	1
			Select Main Ideas	SMI6	Metacognitive	1
			Select Main Ideas	SMI7	Metacognitive	1
			Control	C6	Behavioral	0
			Trial and Error	TE3	Procedural	1
			Select Main Ideas	SMI6	Metacognitive	1
			Select Main Ideas	SMI7	Metacognitive	0
			Control	C6	Behavioral	0
			Trial and Error	TE1	Procedural	1
			Select Main Ideas	SMI1	Metacognitive	0
			Select Main Ideas	SMI6	Metacognitive	0
			Select Main Ideas	SMI7	Metacognitive	0
			Control	C6	Behavioral	0
			Purposeful Thinking	PT1	Metacognitive	1
			Select Main Ideas	SMI6	Metacognitive	0
			Select Main Ideas	SMI7	Metacognitive	0
			Control	C6	Behavioral	0
			Select Main Ideas	SMI3	Metacognitive	1
			Select Main Ideas	SMI1	Metacognitive	1
			Select Main Ideas	SMI7	Metacognitive	0
			Control	C6	Behavioral	0
			Trial and Error	TE1	Procedural	1
			Select Main Ideas	SMI6	Metacognitive	0
			Select Main Ideas	SMI7	Metacognitive	1
			Evaluation	E1	Metacognitive	0
			Evaluation	E4	Metacognitive	0
			Select Main Ideas	SMI2	Metacognitive	1
			Control	C8	Behavioral	1

				Control	C6	Behavioral	0
	elastic storage and return prosthesis	Related (RE)		Purposeful Thinking	PT1	Metacognitive	0
	elastic keel	Related (RE)		Purposeful Thinking	PT1	Metacognitive	1
	elastic keel prosthesis	Specialization (SC)		Purposeful Thinking	PT1	Metacognitive	1
	prosthetic monocentric joint	Related (RE)	Opened a pdf	Control	C6	Behavioral	0
	elastic axial compression	Related (RE)		Purposeful Thinking	PT1	Metacognitive	1
	elastic axial compression in prosthesis	Specialization (SC)		Purposeful Thinking	PT1	Metacognitive	1
	knee joint prosthesis	Word Substitution (WS)		Select Main Ideas	SMI8	Metacognitive	0
	a knee joint prosthesis feature	Specialization (SC)		Select Main Ideas	SMI7	Metacognitive	1
1	User_11	weight	Initial State (IS)	Control	C6	Behavioral	0
			opened Brasil Escola	Select Main Ideas	SMI2	Metacognitive	1
				Evaluation	SMI1	Metacognitive	1
				Evaluation	E3	Metacognitive	0
	mass	New (NW)		Evaluation	E4	Metacognitive	1
				Trial and Error	TE1	Procedural	1
				Purposeful Thinking	PT1	Metacognitive	1
				Select Main Ideas	SMI6	Metacognitive	1
				Evaluation	E3	Metacognitive	0
				Evaluation	E4	Metacognitive	0
	volume	New (NW)		Trial and Error	TE1	Procedural	1
				Purposeful Thinking	PT1	Metacognitive	1
			opened Wikipedia	Select Main Ideas	SMI1	Metacognitive	1

			Select Main Ideas	SMI6	Metacognitive	1
		Evaluation	E3	Metacognitive	0	
		Evaluation	E4	Metacognitive	0	
		Trial and Error	TE1	Procedural	1	
		Purposeful Thinking	PT1	Metacognitive	1	
	density	opened Wikipedia	Select Main Ideas	SMI1	Metacognitive	1
		Control	C6	Behavioral	1	
		Trial and Error	TE3	Procedural	1	
		Select Main Ideas	SMI6	Metacognitive	0	
	weight and mass	New (NW)	Evaluation	E3	Metacognitive	0
		Evaluation	E4	Metacognitive	1	
		Trial and Error	TE1	Procedural	1	
		Purposeful Thinking	PT1	Metacognitive	1	
	2	User_11	main bones of the human body	Initial State (IS)	Select Main Ideas	SMI6
		important muscles of the human body	Word Substitution (WS)	Evaluation	E3	Metacognitive
				Select Main Ideas	SMI3	Metacognitive
				Select Main Ideas	SMI7	Metacognitive
		main joints of the human body	Word Substitution (WS)	Evaluation	E3	Metacognitive
				Select Main Ideas	SMI3	Metacognitive
				Select Main Ideas	SMI6	Metacognitive
		User_11	prosthetic limb joint	Initial State (IS)	Evaluation	E3
			prosthetic limb joint features	Specialization (SC)	Evaluation	E4
				Control	C1	Behavioral
				Select Main Ideas	SMI2	Metacognitive
			Purposeful Thinking	PT1	Metacognitive	0
		Opened a pdf file	Select Main Ideas	SMI6	Metacognitive	0
			Evaluation	E4	Metacognitive	0
			Control	C6	Behavioral	1
			Trial and Error	TE3	Procedural	1
		prosthetic socket	Word Substitution (WS)	Evaluation	E4	Metacognitive
				Control	C2	Behavioral
				Trial and Error	TE1	Procedural

		prosthetic socket definition	Specialization (SC)	Read description provided by Google's SERP	Purposeful Thinking	PT1	Metacognitive	1
			Evaluation	E2	Metacognitive	0		
1	User_12	weight	Initial State (IS)	Control	E4	Metacognitive	0	
		mass	New (NW)	Select Main Ideas	C1	Behavioral	1	
		volume	New (NW)	Purposeful Thinking	SMI2	Metacognitive	0	
		density	New (NW)	Purposeful Thinking	PT3	Metacognitive	1	
		weight Vs mass	New (NW)	Purposeful Thinking	PT3	Metacognitive	1	
		volume portuguese	New (NW)	Purposeful Thinking	PT3	Metacognitive	1	
2	User_12	what are the main bones and muscles of the human body	Initial State (IS)	Copied description provided by Google's SERP	Select Main Ideas	SMI17	Metacognitive	1
		Generalization (GE)	Evaluation	Purposeful Thinking	PT1	Metacognitive	1	
		volume	Trial and Error	Select Main Ideas	SMI8	Metacognitive	1	
		what are the joints of the human body	Control	Select Main Ideas	SMI7	Metacognitive	1	
		Word Substitution (WS)	Trial and Error	Evaluation	E4	Metacognitive	1	
		opened a website through a image link	Control	C6	Behavioral	0		
3	User_12	what are the joints of a prosthesis	Initial State (IS)	opened a website through a image link	Trial and Error	TE1	Procedural	1
				Control	C2	Behavioral	1	
				Trial and Error	TE1	Procedural	1	
				Control	C1	Behavioral	0	
				Purposeful Thinking	PT1	Metacognitive	0	
				Control	C8	Behavioral	1	
				Trial and Error	TE3	Procedural	1	
				Purposeful Thinking	PT3	Metacognitive	0	
				Select Main Ideas	SMI7	Metacognitive	1	
				Evaluation	E3	Metacognitive	1	
				Control	C8	Behavioral	0	
				Trial and Error	TE3	Procedural	1	
				Select Main Ideas	SMI6	Metacognitive	0	
				Select Main Ideas	SMI7	Metacognitive	1	
				Control	C8	Behavioral	1	
				Select Main Ideas	SMI2	Metacognitive	1	
				Select Main Ideas	SMI6	Metacognitive	1	
				Select Main Ideas	SMI7	Metacognitive	1	

			Evaluation	E3	Metacognitive	1
		Control	C8	Behavioral	0	
		Purposeful Thinking	PT1	Metacognitive	1	
		Control	C9	Behavioral	1	
		Select Main Ideas	SMI6	Metacognitive	0	
		Control	C6	Behavioral	1	
		Trial and Error	TE3	Procedural	1	
		Select Main Ideas	SMI8	Metacognitive	1	
		Select Main Ideas	SMI6	Metacognitive	1	
		Select Main Ideas	SMI7	Metacognitive	1	
		Control	C1	Behavioral	1	
		Purposeful Thinking	PT1	Metacognitive	1	
		Control	C6	Behavioral	1	
		Select Main Ideas	SMI6	Metacognitive	0	
		Trial and Error	TE3	Procedural	1	
		Purposeful Thinking	PT3	Metacognitive	0	
		Select Main Ideas	SMI7	Metacognitive	0	
		Evaluation	E1	Metacognitive	1	
		Evaluation	E2	Metacognitive	0	
		Evaluation	E4	Metacognitive	0	
		Purposeful Thinking	PT1	Metacognitive	1	
		Select Main Ideas	SMI2	Metacognitive	1	
		Select Main Ideas	SMI6	Metacognitive	0	
		Control	C6	Behavioral	1	
		Select Main Ideas	SMI6	Metacognitive	0	
		Select Main Ideas	SMI7	Metacognitive	0	
		Evaluation	E2	Metacognitive	0	
		Evaluation	E4	Metacognitive	0	
		Evaluation	E3	Metacognitive	1	
		Select Main Ideas	SMI3	Metacognitive	1	
		Select Main Ideas	SMI1	Metacognitive	1	
		Select Main Ideas	SMI6	Metacognitive	0	
		Select Main Ideas	SMI7	Metacognitive	0	
		Evaluation	E4	Metacognitive	0	
		Clicked on an in-site hyperlink (about human anatomy)	Select Main Ideas	SMI5	Metacognitive	0
		Select Main Ideas	SMI6	Metacognitive	0	
1	User_13	physical concept weight, mass, volume and density	Initial State (IS)	Used Google's recommendation system	Evaluation	E3
1	User_13	physical concept weight	Generalization (GE)	Used Google search engine	Evaluation	E3
1	User_13	physical concept weight, mass, volume and density	Return State (RS)	Hit the back button to return to the initial query	Evaluation	E3
1	User_13	physical volume definition	Word Substitution (WS)		Evaluation	E3
2	User_13	main bones and muscles of the human body	Initial State (IS)	Used Google's recommendation system	Evaluation	E3

			Clicked on an in-site hyperlink (about muscular system)	Select Main Ideas	SMI5	Metacognitive	0
			Select Main Ideas	SMI6	Metacognitive	0	
			Evaluation	SMI7	Metacognitive	0	
			Control	E4	Metacognitive	0	
			Purposeful Thinking	C2	Behavioral	0	
				PT1			
					Metacognitive	1	
					Metacognitive	0	
		Generalization (GE)	Clicked on an in-site hyperlink (about muscles of the human body)	Select Main Ideas	SMI5	Metacognitive	0
			Select Main Ideas	SMI6	Metacognitive	0	
			Evaluation	SMI7	Metacognitive	0	
			Evaluation	E4	Metacognitive	0	
			Purposeful Thinking	E3	Metacognitive	0	
				PT1			
					Metacognitive	1	
					Metacognitive	0	
		Word Substitution (WS)	Clicked on related images	Select Main Ideas	SMI2	Metacognitive	1
			Trial and Error	SMI6	Metacognitive	0	
			Evaluation	E4	Metacognitive	0	
			Control	C8	Behavioral	1	
				C10	Behavioral	0	
				TE3	Procedural	1	
					Metacognitive	0	
		Word Substitution (WS)	Clicked on related images	Select Main Ideas	E2	Metacognitive	0
			Trial and Error	E4	Metacognitive	0	
			Evaluation	C8	Behavioral	1	
			Control	C8	Behavioral	1	
				SMI7	Metacognitive	1	
		Specialization (SC)	Select Main Ideas	E4	Metacognitive	0	
			Evaluation	E3	Metacognitive	0	
			Control	C1	Behavioral	1	
			Purposeful Thinking	PT1	Metacognitive	1	
				SMI2	Metacognitive	0	
			Select Main Ideas	SMI6	Metacognitive	0	
			Evaluation	SMI7	Metacognitive	0	
			Control	TE1	Procedural	1	
			Purposeful Thinking	PT1	Metacognitive	0	
				TE3	Procedural	1	
3	User_13	Initial State (IS)	Used Google search engine				
		Related (RE)	Purposeful Thinking				
		Specialization (SC)	Select Main Ideas				
			Evaluation				
			Control				
			Purposeful Thinking				
			Select Main Ideas				
			Evaluation				
			Control				
			Purposeful Thinking				
			Select Main Ideas				
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			Evaluation				
			Control				
			Purposeful Thinking				

		Purposful Thinking	PT3	Metacognitive	0
		Select Main Ideas	SMI7	Metacognitive	0
		Select Main Ideas	SMI8	Metacognitive	0
		Trial and Error	TE1	Procedural	1
		Select Main Ideas	SMI6	Metacognitive	0
		Control	C6	Behavioral	0
		Trial and Error	TE1	Procedural	1
		Purposful Thinking	PT1	Metacognitive	1
		Select Main Ideas	SMI6	Metacognitive	0
		Select Main Ideas	SMI8	Metacognitive	1
		Trial and Error	TE1	Procedural	1
		Problem-Solving	PS1	Procedural	1
		Problem-Solving	PS1	Procedural	1
		Trial and Error	TE3	Procedural	1
		Purposful Thinking	PT3	Metacognitive	0
		Select Main Ideas	SMI8	Metacognitive	0
		Purposful Thinking	PT1	Metacognitive	1
		Select Main Ideas	SMI6	Metacognitive	0
		Select Main Ideas	SMI2	Metacognitive	1
		Select Main Ideas	SMI8	Metacognitive	0
		Trial and Error	TE1	Procedural	1
		Trial and Error	TE3	Procedural	0
		Purposful Thinking	PT3	Metacognitive	0
		Select Main Ideas	SMI7	Metacognitive	0
		Evaluation	E4	Metacognitive	0
		selected a word in the text and searched by clicking with the mouse's right button	Control	Behavioral	0
		Select Main Ideas	SMI7	Metacognitive	1
		Select Main Ideas	SMI8	Metacognitive	1
		Evaluation	E4	Metacognitive	0
		Evaluation	E3	Metacognitive	1
		Control	C1	Behavioral	1
		Select Main Ideas	SMI6	Metacognitive	1
1	User_14	difference between mass and volume	Initial State (IS)		

		difference between mass and volume and density	Specialization (SC)	Purposful Thinking Select Main Ideas	PT1 SMI6	Metacognitive	1
		difference between weight and mass	Word Substitution (WS)	Evaluation Select Main Ideas	E2 SMI2	Metacognitive	1
			chose the links to click based on two premisses: Wikipedia page (believes its a trustable source) and the other link, because its header was a question and usually, by his experience, has a straightforward answer	Trial and Error Select Main Ideas	TE3	Procedural	1
2	User_14	what are the main bones of the human body	Initial State (IS)	Used Google search engine Control	PT3 E3	Metacognitive	0
		what are the main muscles of the human body	Word Substitution (WS)	Evaluation Select Main Ideas	C1 SMI6	Metacognitive	1
		what are the main joints of the human body	Word Substitution (WS)	Evaluation Select Main Ideas	E1 E3	Behavioral	1
3	User_14	what is prosthetic limb	Initial State (IS)	Used Google search engine Control	SMI2 C1	Metacognitive	1
		what are the characteristics of a prosthetic limb	Word Substitution (WS)	Purposful Thinking Trial and Error Select Main Ideas	PT3 TE3 PS1	Metacognitive	0
		what are the characteristics of a prosthesis	Word Substitution (WS)	Don't like to go into the second SERP, so prefer to reformulate the query Strategy to delete mentions to dental prosthesis	Problem-Solving Control	Procedural	1
		what are the characteristics of a prosthesis - "dental"	Specialization (SC)	Select Main Ideas	C10 SMI6	Behavioral Metacognitive	1 0

		Wikipedia's entry to "Prosthesis"	Select Main Ideas	SMI1	Metacognitive	1
		Select Main Ideas	SMI6	Metacognitive	0	
		Evaluation	SMI8	Metacognitive	0	
		Evaluation	E1	Metacognitive	1	
		Evaluation	E2	Metacognitive	1	
		Hit the back button to return to Google's SERP	Control	C6	Behavioral	1
		Trial and Error	TE3	Procedural	1	
		Purposeful Thinking	PT3	Metacognitive	0	
		Select Main Ideas	SMI8	Metacognitive	0	
		Select Main Ideas	SMI1	Metacognitive	0	
		Clicked at the link to Wikipedia's entry to "Orthosis"	Select Main Ideas	SMI5	Metacognitive	0
		Select Main Ideas	SMI6	Metacognitive	0	
		Trial and Error	TE1	Procedural	0	
		Control	C8	Behavioral	0	
		Clicked at the second page SERP	Select Main Ideas	SMI3	Metacognitive	0
		Used Google's recommendation system	Select Main Ideas	SMI6	Metacognitive	0
		Word Substitution (WS)	Evaluation	E2	Metacognitive	0
		Word Substitution (WS)	Evaluation	E3	Metacognitive	1
		Initial State (IS)	Control	C1	Behavioral	1
		Used Google search engine	Select Main Ideas	SMI6	Metacognitive	0
		Used Google's recommendation system	Evaluation	E1	Metacognitive	0
		Used Google's recommendation system	Control	C2	Behavioral	0
		Word Substitution (WS)	Select Main Ideas	SMI3	Metacognitive	0
		volume density and mass	Evaluation	E3	Evaluation	0
		Word Substitution (WS)	Purposeful Thinking	PT1	Metacognitive	0
		Word Substitution (WS)	Select Main Ideas	SMI6	Metacognitive	0
		Initial State (IS)	Control	SMI7	Metacognitive	0
		Specialization (SC)	Purposeful Thinking	C1	Behavioral	0
1	User_15	weight mass	Evaluation	PT1	Metacognitive	1
		Word Substitution (WS)	Select Main Ideas	SMI6	Metacognitive	0
		Used Google search engine	Evaluation	E2	Evaluation	0
		Used Google's recommendation system	Evaluation	E1	Metacognitive	0
		Used Google's recommendation system	Control	C2	Behavioral	0
		Used Google's recommendation system	Select Main Ideas	SMI3	Metacognitive	0
		Used Google's recommendation system	Evaluation	E3	Evaluation	0
		Used Google's recommendation system	Purposeful Thinking	PT1	Metacognitive	0
		Used Google's recommendation system	Select Main Ideas	SMI6	Metacognitive	0
		Initial State (IS)	Control	SMI7	Metacognitive	0
		Specialization (SC)	Purposeful Thinking	C1	Behavioral	0
2	User_15	bones muscles	Evaluation	PT1	Metacognitive	1
		bones muscles human body	Select Main Ideas	SMI6	Metacognitive	0
		Evaluation	E3	Metacognitive	1	
		Select Main Ideas	SMI5	Metacognitive	1	

	main muscles of the human body	Word Substitution (WS)	changed to image tab	Select Main Ideas	SMI2	Metacognitive
			Control	C8	Behavioral	1
			Select Main Ideas	SMI6	Metacognitive	0
			Evaluation	E2	Metacognitive	0
	main bones of the human body	Return State (RS)	returned to an earlier query by clicking at the back button	Control	C6	Behavioral
			Evaluated the SERP	Evaluation	E3	Metacognitive
			Select Main Ideas	SMI6	Metacognitive	0
	most important bones in the human body	Word Substitution (WS)	Used Google's recommendation system	Select Main Ideas	SMI3	Metacognitive
			Read Google's feedback box	Purposful Thinking	PT1	Metacognitive
			Select Main Ideas	SMI2	Metacognitive	1
			Clicked at the back button pressing the ctrl button on the same time	Control	C10	Behavioral
			Evaluation	E2	Metacognitive	1
			opened again the same Website visited using the query "main muscles of the human body"	Select Main Ideas	SMI1	Metacognitive
			Select Main Ideas	SMI8	Metacognitive	1
	movable joints of the human body	Word Substitution (WS)	Select Main Ideas	SMI2	Metacognitive	1
			Select Main Ideas	SMI6	Metacognitive	0
			Evaluation	E3	Metacognitive	1
3	User_16		Looking for the radical "prosthetic" in the same Website visited using the query "movable joints of the human body" by means of Ctrl + F.	Select Main Ideas	SMI8	Metacognitive
			Explored the Website visited using the query "movable joints of the human body"	Select Main Ideas	SMI6	Metacognitive
			Used Google's recommendation system	Select Main Ideas	SMI3	Metacognitive
			Select Main Ideas	SMI6	Metacognitive	0
			Select Main Ideas	SMI8	Metacognitive	1
			Select Main Ideas	SMI5	Metacognitive	1
			Select Main Ideas	SMI6	Metacognitive	0
			Control	C6	Behavioral	0
			Evaluation	E3	Metacognitive	1
			Trial and Error	TE1	Procedural	1
			Select Main Ideas	SMI6	Metacognitive	0
			Evaluation	E1	Metacognitive	0

	how are the joints of a prosthetic limb	Word Substitution (WS)	Trial and Error	TE1	Procedural	1
	characteristics of the movable joints of a prosthetic limb	Word Substitution (WS)	Select Main Ideas	SMI6	Metacognitive	0
			Select Main Ideas	SMI2	Metacognitive	1
			Select Main Ideas	SMI6	Metacognitive	0
			Select Main Ideas	SMI5	Metacognitive	1
			Select Main Ideas	SMI8	Metacognitive	1
			Select Main Ideas	SMI5	Metacognitive	1
			Select Main Ideas	SMI6	Metacognitive	0
			Control	C6	Behavioral	0
			Evaluation	E3	Metacognitive	1
			Disorientation	D4	Behavioral	1
			Problem-Solving	PS2	Procedural	1
			Disorientation	D2	Behavioral	1
			Select Main Ideas	SMI6	Metacognitive	0
			Select Main Ideas	SMI8	Metacognitive	1
			Purposeful Thinking	PT1	Metacognitive	1
			Select Main Ideas	SMI6	Metacognitive	0
			Select Main Ideas	SMI5	Metacognitive	1
			Select Main Ideas	SMI6	Metacognitive	0
			Purposeful Thinking	PT1	Metacognitive	0
			Select Main Ideas	SMI6	Metacognitive	0
			Evaluation	E1	Metacognitive	0
			Control	C6	Behavioral	1
			Evaluation	E3	Metacognitive	1
			Select Main Ideas	SMI6	Metacognitive	0
			Evaluation	E4	Metacognitive	1
			Control	C1	Behavioral	1
			Select Main Ideas	SMI6	Metacognitive	0
			Select Main Ideas	SMI7	Metacognitive	0
			Select Main Ideas	SMI8	Metacognitive	0
			Control	C10	Behavioral	1
			Purposeful Thinking	PT1	Metacognitive	1
			Select Main Ideas	SMI6	Metacognitive	0
			Select Main Ideas	SMI7	Metacognitive	0
			Select Main Ideas	SMI2	Metacognitive	1
1	User_17	Initial State (IS)	Used Google search engine			
	define weight mass density volume	Specialization (SC)				
	define: weight + mass + density + volume					
	define: weight	Generalization (GE)				

			Copied description provided by Google's box	Select Main Ideas	SMI7	Metacognitive	0
	define: mass	Word Substitution (WS)	Copied description provided by Google's dictionary box	Select Main Ideas	SMI2	Metacognitive	0
	define: volume	Word Substitution (WS)	Copied description provided by Google's dictionary box	Select Main Ideas	SMI7	Metacognitive	0
	define: density	Word Substitution (WS)	Copied description provided by Google's dictionary box	Select Main Ideas	SMI2	Metacognitive	0
2	User_17	main bones of the human body	Initial State (IS)	Used Google's recommendation system	Select Main Ideas	SMI3	Metacognitive
				Select Main Ideas	SMI6	Metacognitive	0
				Select Main Ideas	SMI8	Metacognitive	1
				Control	C6	Behavioral	1
			Evaluated the SERP	Evaluation	E3	Metacognitive	0
				Select Main Ideas	SMI6	Metacognitive	0
				Select Main Ideas	SMI7	Metacognitive	1
				Evaluation	E4	Metacognitive	1
				Control	C6	Behavioral	0
			Returned to the first link seen	Select Main Ideas	SMI1	Metacognitive	1
				Select Main Ideas	SMI6	Metacognitive	0
				Select Main Ideas	SMI7	Metacognitive	1
				Evaluation	E4	Metacognitive	1
		main joints of the human body	Word Substitution (WS)				
3	User_17	movable joints prosthetic limb features	Initial State (IS)	Used Google search engine	Control	C1	Behavioral
				Evaluated the SERP	Evaluation	E3	Metacognitive
			Generalization (GE)	Select Main Ideas	SMI2	Metacognitive	1
		movable joints prosthetic limb		Select Main Ideas	SMI6	Metacognitive	0
		movable joints upper prosthesis	Word Substitution (WS)	Used Google's recommendation system	Select Main Ideas	SMI7	Metacognitive
		movable joints leg prosthesis	Word Substitution (WS)	Purposeful Thinking	PT1	Metacognitive	0
		movable joints + leg prosthesis	Specialization (SC)	Control	C10	Behavioral	1

1	User_18	weight	Initial State (IS)	Used Google search engine	Select Main Ideas	SMI17	Metacognitive	1
				Evaluation	E4	Metacognitive	0	
				Control	C1	Behavioral	1	
				Select Main Ideas	SMI6	Metacognitive	0	
				Select Main Ideas	SMI7	Metacognitive	0	
				Control	C6	Behavioral	0	
			Clicked on the Wikipedia link	Select Main Ideas	SMI1	Metacognitive	1	
				Select Main Ideas	SMI6	Metacognitive	0	
				Select Main Ideas	SMI7	Metacognitive	0	
				Evaluation	E2	Metacognitive	1	
				Evaluation	E4	Metacognitive	0	
				Control	C6	Behavioral	0	
			New (NW)	Select Main Ideas	SMI2	Metacognitive	1	
				Select Main Ideas	SMI6	Metacognitive	0	
				Evaluation	E2	Metacognitive	0	
				Evaluation	E4	Metacognitive	1	
			New (NW)	Select Main Ideas	SMI2	Metacognitive	0	
				Select Main Ideas	SMI6	Metacognitive	0	
				Select Main Ideas	SMI7	Metacognitive	0	
				Evaluation	E2	Metacognitive	0	
				Evaluation	E4	Metacognitive	0	
				Control	C6	Behavioral	0	
			New (NW)	Select Main Ideas	SMI2	Metacognitive	1	
				Select Main Ideas	SMI6	Metacognitive	0	
				Evaluation	E2	Metacognitive	0	
				Evaluation	E4	Metacognitive	1	
				Compared and contrasted weight and mass	Evaluation	Metacognitive	1	
				Used Google's recommendation system	Select Main Ideas	SMI3	Metacognitive	1
					Select Main Ideas	SMI4	Metacognitive	1
					Select Main Ideas	SMI6	Metacognitive	0
					Control	C6	Behavioral	0
				Clicked on the Brasil Escola Website's link	Select Main Ideas	SMI1	Metacognitive	1
					Select Main Ideas	SMI6	Metacognitive	0
					Control	C6	Behavioral	1
				Clicked on the Toda Matéria Website's link	Select Main Ideas	SMI1	Metacognitive	1
					Select Main Ideas	SMI6	Metacognitive	0

		Copied content from the image at the SERP's 5th position changed to all tab	Select Main Ideas Trial and Error	SMI7 TE3	Metacognitive Procedural	0 1
		Copied content from a YouTube video	Select Main Ideas	SMI7	Metacognitive	0
		Visited the Website that posted the YouTube video	Control	C4	Behavioral	1
		Search from Chrome's address bar	Evaluation	E4	Metacognitive	1
	"movable joints"	New (NW)	Select Main Ideas	SMI6	Metacognitive	0
	"movable joints" examples	Specialization (SC)	Control	C6	Behavioral	1
		Purposeful Thinking	PT1	Metacognitive	0	
		Select Main Ideas	SMI6	Metacognitive	0	
		Control	C6	Behavioral	0	
		Control	C8	Behavioral	0	
		Select Main Ideas	SMI1	Metacognitive	1	
		Select Main Ideas	SMI6	Metacognitive	0	
		Control	C6	Behavioral	0	
		Evaluation	E3	Metacognitive	0	
		Select Main Ideas	SMI6	Metacognitive	0	
		Evaluation	E1	Metacognitive	0	
		Evaluation	E4	Metacognitive	0	
		Control	C1	Behavioral	0	
		Purposeful Thinking	PT1	Metacognitive	0	
		Select Main Ideas	SMI2	Metacognitive	0	
		Select Main Ideas	SMI6	Metacognitive	0	
		Select Main Ideas	SMI7	Metacognitive	0	
		Evaluation	E1	Metacognitive	1	
		Evaluation	E4	Metacognitive	1	
		Control	C1	Behavioral	1	
		Evaluation	E3	Metacognitive	0	
		Purposeful Thinking	PT1	Metacognitive	1	
		Select Main Ideas	SMI6	Metacognitive	0	
		Select Main Ideas	SMI7	Metacognitive	0	
		Evaluation	E4	Metacognitive	0	
		Control	C6	Behavioral	0	
		Trial and Error	TE1	Procedural	1	
		Select Main Ideas	SMI6	Metacognitive	0	
3	User_19	"how does a prosthesis work?" how does a leg prosthesis work how the joints of a prosthesis work	Initial State (IS) Specialization (SC) Word Substitution (WS)			
1	User_20	weight and mass	Initial State (IS)	Used Google search engine		
			Evaluation	Purposeful Thinking		
			Control	C1		
			Evaluation	E3		
			Purposeful Thinking	PT1		
			Select Main Ideas	SMI6		
			Select Main Ideas	SMI7		
			Evaluation	E1		
			Evaluation	E4		
			Control	C1		
			Evaluation	E3		
			Purposeful Thinking	PT1		
			Select Main Ideas	SMI6		
			Select Main Ideas	SMI7		
			Evaluation	E4		
			Control	C6		
			Trial and Error	TE1		
			Select Main Ideas	SMI6		
		volume and density	New (NW)			

		comparison between weight and mass	Word Substitution (WS)			Select Main Ideas	SMI2	Metacognitive	1
						Select Main Ideas	SMI6	Metacognitive	0
					Control	C6	Behavioral	0	
					Select Main Ideas	SMI6	Metacognitive	0	
					Control	C6	Behavioral	0	
		what is mass	Word Substitution (WS)		Purposeful Thinking	PT1	Metacognitive	0	
					Select Main Ideas	SMI6	Metacognitive	1	
					Evaluation	E2	Metacognitive	0	
					Evaluation	E4	Metacognitive	0	
		weight	New (NW)		Trial and Error	TE1	Procedural	1	
		volume	New (NW)		Trial and Error	TE1	Procedural	1	
		volume versus density	Specialization (SC)		Purposeful Thinking	PT1	Metacognitive	0	
		comparison between weight and mass	Word Substitution (WS)		Select Main Ideas	SMI6	Metacognitive	0	
					Select Main Ideas	SMI2	Metacognitive	0	
					Evaluation	E4	Metacognitive	1	
		main bones of the human body	Initial State (IS)		Select Main Ideas	SMI3	Metacognitive	1	
					Select Main Ideas	SMI6	Metacognitive	0	
					Control	C6	Behavioral	0	
					Select Main Ideas	SMI6	Metacognitive	0	
					Control	C6	Behavioral	0	
					Select Main Ideas	SMI6	Metacognitive	0	
					Control	C6	Behavioral	0	
		main bones and muscles of the human body	Specialization (SC)		Purposeful Thinking	PT1	Metacognitive	1	
					Select Main Ideas	SMI6	Metacognitive	0	
		Rafaela Linhares MD	Related (RE)		Purposeful Thinking	PT1	Metacognitive	0	
		"Rafaela Linhares" usp master	Specialization (SC)		Purposeful Thinking	PT1	Metacognitive	1	
		main bones and muscles of the human body	Related (RE)		Purposeful Thinking	PT1	Metacognitive	1	
					Select Main Ideas	SMI6	Metacognitive	0	
					Control	C6	Behavioral	0	
		involuntary muscle	Related (RE)		Purposeful Thinking	PT1	Metacognitive	1	
		heart muscle	Word Substitution (WS)		Purposeful Thinking	PT1	Metacognitive	1	
		fibrous joint	New (NW)		Purposeful Thinking	PT1	Metacognitive	1	

			Evaluation	E2	Metacognitive	0
	best definition of mass	Word Substitution (WS)	Purposeful Thinking	PT1	Metacognitive	1
			Trial and Error	TE3	Procedural	1
			Purposeful Thinking	PT3	Metacognitive	0
			Evaluation	E2	Metacognitive	0
	volume vs mass definition	Word Substitution (WS)	Purposeful Thinking	PT1	Metacognitive	1
			Trial and Error	TE3	Procedural	1
			Purposeful Thinking	PT3	Metacognitive	1
			Select Main Ideas	SMI8	Metacognitive	0
			Control	C6	Behavioral	1
			Select Main Ideas	SMI6	Metacognitive	0
			Evaluation	E4	Metacognitive	0
			Select Main Ideas	SMI5	Metacognitive	1
			Select Main Ideas	SMI6	Metacognitive	0
	what is volume in science area	Word Substitution (WS)	Purposeful Thinking	PT1	Metacognitive	1
			Select Main Ideas	SMI7	Metacognitive	0
	body vs substance	New (NW)	Copied description provided by Google's SERP	Evaluation	E4	Metacognitive
				Trial and Error	TE1	Procedural
				Select Main Ideas	SMI7	Metacognitive
	what is matter	New (NW)		Evaluation	E4	Metacognitive
				Trial and Error	TE1	Procedural
				Evaluation	E1	Metacognitive
	body vs matter	Word Substitution (WS)	Purposeful Thinking	PT1	Metacognitive	1
			Evaluation	E4	Metacognitive	0
	major bones and muscles in the body	Initial State (IS)	Select Main Ideas	SMI3	Metacognitive	1
	main muscles of the human body	Word Substitution (WS)	Purposeful Thinking	PT1	Metacognitive	1
2	User_22	main bones of the human body	Word Substitution (WS)	Copied description provided by Google's SERP Accessed Website https://www.institutosalutesp.com.br/	SMI7	Metacognitive
				Select Main Ideas	SMI1	Metacognitive
				Select Main Ideas	SMI6	Metacognitive
				Select Main Ideas	SMI2	Metacognitive

"main bones" of the human body	Repeat (RP)			Select Main Ideas	SMI2	Metacognitive	1
				Select Main Ideas	SMI6	Metacognitive	0
				Select Main Ideas	SMI8	Metacognitive	0
				Select Main Ideas	SMI7	Metacognitive	0
				Select Main Ideas	SMI1	Metacognitive	1
"main bones of the body"	Generalization (GE)			Purposeful Thinking	PT4	Metacognitive	1
"main bones" of the body	Repeat (RP)			Purposeful Thinking	PT1	Metacognitive	1
"main bones of the skeleton"	Word Substitution (WS)			Purposeful Thinking	PT1	Metacognitive	1
				Purposeful Thinking	PT1	Metacognitive	1
				Trial and Error	TE1	Procedural	1
				Purposeful Thinking	PT1	Metacognitive	1
				Evaluation	E1	Metacognitive	1
				Control	C6	Behavioral	1
				Control	C8	Behavioral	1
				Select Main Ideas	SMI6	Metacognitive	0
				Select Main Ideas	SMI8	Metacognitive	0
skull	Related (RE)			Trial and Error	TE1	Procedural	1
skull is a bone	Specialization (SC)			Purposeful Thinking	PT1	Metacognitive	1
				Evaluation	E1	Metacognitive	1
				Control	C6	Behavioral	1
				Control	C8	Behavioral	0
				Select Main Ideas	SMI6	Metacognitive	0
				Trial and Error	TE1	Procedural	1
				Trial and Error	TE1	Procedural	1
				Select Main Ideas	SMI6	Metacognitive	0
				Trial and Error	TE1	Procedural	0
				Purposeful Thinking	PT1	Metacognitive	0
				Select Main Ideas	SMI7	Metacognitive	0
				Evaluation	E1	Metacognitive	0
				Control	C6	Behavioral	0
				Select Main Ideas	SMI8	Metacognitive	0
				Select Main Ideas	SMI7	Metacognitive	0
				Select Main Ideas	SMI2	Metacognitive	1
				Copied description provided by Google's SERP	Select Main Ideas	SMI7	Metacognitive
ichmap tools concept maps	New (NW)			Disorientation	D2	Behavioral	1
ihmc tools concept maps	Word Substitution (WS)			Disorientation	D2	Behavioral	1
				Control	C6	Behavioral	1
movable joints of the human body	New (NW)			back to the query "movable joints of the human body"	Control	C6	Behavioral

		New (NW)	Trial and Error	TE1	Procedural	0
		Select Main Ideas	SMI6	Metacognitive	0	0
		Control	C6	Behavioral	0	0
	how to choose a prosthetic arm	Word Substitution (WS)	Purposeful Thinking	PT1	Metacognitive	1
		Trial and Error	TE3	Procedural	0	0
		Purposeful Thinking	PT3	Metacognitive	1	1
		Select Main Ideas	SMI5	Metacognitive	0	0
	prosthetic joint muscle cables	Word Substitution (WS)	Purposeful Thinking	PT1	Metacognitive	1
	prosthetic joint muscle cables	Specialization (SC)	Purposeful Thinking	PT1	Metacognitive	0
	brace prosthesis	Word Substitution (WS)	Trial and Error	TE1	Procedural	0
		Select Main Ideas	SMI8	Metacognitive	0	0
	what is a brace	Word Substitution (WS)	Trial and Error	TE1	Procedural	1
	what is a prosthetic brace	Specialization (SC)	Purposeful Thinking	PT1	Metacognitive	1
		Control	C6	Behavioral	0	0
	"drive braces is"	Word Substitution (WS)	Select Main Ideas	SMI6	Metacognitive	0
	"drive braces"	Generalization (GE)	Select Main Ideas	SMI8	Metacognitive	0
	"drive braces" prosthesis	Specialization (SC)	Trial and Error	TE1	Procedural	1
	"drive braces"	Generalization (GE)	Purposeful Thinking	PT1	Metacognitive	0
		Trial and Error	TE1	Procedural	0	0
	"brace" prosthesis	changed to Google's image tab	Trial and Error	TE1	Metacognitive	0
	brace	Control	C8	Behavioral	1	1
		Word Substitution (WS)	Select Main Ideas	SMI6	Procedural	1
		Generalization (GE)	Trial and Error	TE1	Evaluation	0
		Initial State (IS)	Select Main Ideas	SMI6	Metacognitive	0
1	User_23	weight definition	Evaluation	E4	Metacognitive	0
		Initial State (IS)	Control	C1	Behavioral	1
		volume definition	Select Main Ideas	SMI6	Metacognitive	1
		density definition	Select Main Ideas	SMI2	Metacognitive	1
		Word Substitution (WS)	Select Main Ideas	SMI6	Metacognitive	1
		Word Substitution (WS)	Select Main Ideas	SMI2	Metacognitive	1
2	User_23	main muscles and bones of the human body	Initial State (IS)	E4	Metacognitive	1
			Trial and Error	TE3	Procedural	1
			Purposeful Thinking	PT3	Metacognitive	1

1	User_24	weight definition	Initial State (IS)	Copied description provided by Google's SERP	Select Main Ideas	SMI8	Metacognitive	1																																																																																																																																																																																																																																																																																								
		New (NW)		Control	Evaluation	E4	Metacognitive	0																																																																																																																																																																																																																																																																																								
		google scholar		Control	Control	C1	Behavioral	1																																																																																																																																																																																																																																																																																								
		weight definition	Searched from Google Scholar	Select Main Ideas	SMI7	Metacognitive	1			weight	Trial and Error	Control	C3	Behavioral	0			Generalization (GE)	Searched from Google Scholar	Trial and Error	TE2	Procedural	0			Specialization (SC)	Searched from Google Scholar	Purposeful Thinking	TE1	Procedural	1					PT1	PT1	Metacognitive	0					Select Main Ideas	SMI6	Metacognitive	0					Control	C6	Behavioral	0					Select Main Ideas	SMI2	Metacognitive	1					Control	C6	Behavioral	0					Select Main Ideas	SMI3	Metacognitive	1					Trial and Error	TE1	Procedural	1					Select Main Ideas	SMI7	Metacognitive	1					Trial and Error	TE1	Procedural	1					Select Main Ideas	SMI7	Metacognitive	1					Trial and Error	TE1	Procedural	1					Select Main Ideas	SMI7	Metacognitive	1					Trial and Error	TE1	Procedural	1					Select Main Ideas	SMI7	Metacognitive	1					Evaluation	E1	Metacognitive	1					Select Main Ideas	SMI7	Metacognitive	1					Evaluation	E4	Metacognitive	1					Select Main Ideas	SMI3	Metacognitive	0					Control	C8	Behavioral	1					Control	C6	Behavioral	0					Select Main Ideas	SMI7	Metacognitive	1					Select Main Ideas	SMI3	Metacognitive	0					Select Main Ideas	SMI6	Metacognitive	0					Select Main Ideas	SMI7	Metacognitive	1					Control	C6	Behavioral	0					Select Main Ideas	SMI3	Metacognitive	0					Select Main Ideas	SMI6	Metacognitive	0					Select Main Ideas	SMI7	Metacognitive	0					Evaluation	E1	Metacognitive	0					Evaluation	E4	Metacognitive	1					Select Main Ideas	SMI2	Metacognitive	1	3	User_24	prosthetic limb joints	Initial State (IS)					
		weight	Trial and Error	Control	C3	Behavioral	0																																																																																																																																																																																																																																																																																									
		Generalization (GE)	Searched from Google Scholar	Trial and Error	TE2	Procedural	0			Specialization (SC)	Searched from Google Scholar	Purposeful Thinking	TE1	Procedural	1					PT1	PT1	Metacognitive	0					Select Main Ideas	SMI6	Metacognitive	0					Control	C6	Behavioral	0					Select Main Ideas	SMI2	Metacognitive	1					Control	C6	Behavioral	0					Select Main Ideas	SMI3	Metacognitive	1					Trial and Error	TE1	Procedural	1					Select Main Ideas	SMI7	Metacognitive	1					Trial and Error	TE1	Procedural	1					Select Main Ideas	SMI7	Metacognitive	1					Trial and Error	TE1	Procedural	1					Select Main Ideas	SMI7	Metacognitive	1					Trial and Error	TE1	Procedural	1					Select Main Ideas	SMI7	Metacognitive	1					Evaluation	E1	Metacognitive	1					Select Main Ideas	SMI7	Metacognitive	1					Evaluation	E4	Metacognitive	1					Select Main Ideas	SMI3	Metacognitive	0					Control	C8	Behavioral	1					Control	C6	Behavioral	0					Select Main Ideas	SMI7	Metacognitive	1					Select Main Ideas	SMI3	Metacognitive	0					Select Main Ideas	SMI6	Metacognitive	0					Select Main Ideas	SMI7	Metacognitive	1					Control	C6	Behavioral	0					Select Main Ideas	SMI3	Metacognitive	0					Select Main Ideas	SMI6	Metacognitive	0					Select Main Ideas	SMI7	Metacognitive	0					Evaluation	E1	Metacognitive	0					Evaluation	E4	Metacognitive	1					Select Main Ideas	SMI2	Metacognitive	1	3	User_24	prosthetic limb joints	Initial State (IS)																					
		Specialization (SC)	Searched from Google Scholar	Purposeful Thinking	TE1	Procedural	1																																																																																																																																																																																																																																																																																									
				PT1	PT1	Metacognitive	0					Select Main Ideas	SMI6	Metacognitive	0					Control	C6	Behavioral	0					Select Main Ideas	SMI2	Metacognitive	1					Control	C6	Behavioral	0					Select Main Ideas	SMI3	Metacognitive	1					Trial and Error	TE1	Procedural	1					Select Main Ideas	SMI7	Metacognitive	1					Trial and Error	TE1	Procedural	1					Select Main Ideas	SMI7	Metacognitive	1					Trial and Error	TE1	Procedural	1					Select Main Ideas	SMI7	Metacognitive	1					Trial and Error	TE1	Procedural	1					Select Main Ideas	SMI7	Metacognitive	1					Evaluation	E1	Metacognitive	1					Select Main Ideas	SMI7	Metacognitive	1					Evaluation	E4	Metacognitive	1					Select Main Ideas	SMI3	Metacognitive	0					Control	C8	Behavioral	1					Control	C6	Behavioral	0					Select Main Ideas	SMI7	Metacognitive	1					Select Main Ideas	SMI3	Metacognitive	0					Select Main Ideas	SMI6	Metacognitive	0					Select Main Ideas	SMI7	Metacognitive	1					Control	C6	Behavioral	0					Select Main Ideas	SMI3	Metacognitive	0					Select Main Ideas	SMI6	Metacognitive	0					Select Main Ideas	SMI7	Metacognitive	0					Evaluation	E1	Metacognitive	0					Evaluation	E4	Metacognitive	1					Select Main Ideas	SMI2	Metacognitive	1	3	User_24	prosthetic limb joints	Initial State (IS)																																					
				Select Main Ideas	SMI6	Metacognitive	0																																																																																																																																																																																																																																																																																									
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3	User_24	prosthetic limb joints	Initial State (IS)																																																																																																																																																																																																																																																																																													

		full prosthesis joints	Word Substitution (WS)		Select Main Ideas	SMI13	Metacognitive	1
				Select Main Ideas	SMI16	Metacognitive	0	
				Select Main Ideas	SMI18	Metacognitive	1	
				Trial and Error	TE1	Procedural	0	
				Trial and Error	TE3	Procedural	0	
				Purposeful Thinking	PT3	Metacognitive	0	
				Purposeful Thinking	PT1	Metacognitive	0	
				Select Main Ideas	SMI16	Metacognitive	0	
				Trial and Error	TE1	Procedural	0	
				Evaluation	E4	Metacognitive	1	
				Select Main Ideas	SMI13	Metacognitive	1	
				Select Main Ideas	SMI16	Metacognitive	0	
				Select Main Ideas	SMI17	Metacognitive	0	
				Evaluation	E4	Metacognitive	0	
				Purposeful Thinking	PT1	Metacognitive	1	
				Select Main Ideas	SMI17	Metacognitive	0	
				Evaluation	E4	Metacognitive	0	
				Select Main Ideas	SMI13	Metacognitive	0	
				Select Main Ideas	SMI16	Metacognitive	0	
				Select Main Ideas	SMI17	Metacognitive	0	
				Evaluation	E4	Metacognitive	0	
				Select Main Ideas	SMI12	Metacognitive	1	
				Select Main Ideas	SMI16	Metacognitive	0	
				Select Main Ideas	SMI17	Metacognitive	0	
				Select Main Ideas	SMI18	Metacognitive	0	
				Evaluation	E4	Metacognitive	0	
				Control	C6	Behavioral	0	
				Select Main Ideas	SMI13	Metacognitive	0	
				Select Main Ideas	SMI16	Metacognitive	0	
				Select Main Ideas	SMI17	Metacognitive	0	
				Evaluation	E4	Metacognitive	0	
				Select Main Ideas	SMI12	Metacognitive	1	
				Trial and Error	TE3	Procedural	1	
				Purposeful Thinking	PT3	Metacognitive	0	
				Evaluation	E4	Metacognitive	0	

		how does the knee prosthesis work	Word Substitution (WS)		Select Main Ideas	SMI3	Metacognitive	1
				Trial and Error	TE3	Procedural	1	
			Purposeful Thinking	PT3	Metacognitive	0		
	knee joint	Word Substitution (WS)	changed to Google's image tab	Select Main Ideas	SMI2	Metacognitive	1	
			back to the query "how does the knee prosthesis work"	Control	C8	Behavioral	1	
				Select Main Ideas	SMI7	Metacognitive	1	
			Purposeful Thinking	Control	C6	Behavioral	1	
				Purposeful Thinking	PT3	Metacognitive	0	
				Select Main Ideas	SMI7	Metacognitive	1	
1	User_26	weight volume density	Initial State (IS)	Evaluation	E4	Metacognitive	0	
			Word Substitution (WS)	Control	C1	Behavioral	1	
		weight definition		Select Main Ideas	SMI2	Metacognitive	1	
				Select Main Ideas	SMI6	Metacognitive	0	
			Purposeful Thinking	Control	C1	Behavioral	1	
				Purposeful Thinking	PT1	Metacognitive	1	
		volume definition	Word Substitution (WS)	Select Main Ideas	SMI6	Metacognitive	0	
				Purposeful Thinking	PT1	Metacognitive	1	
	2	User_26	main bones of the human body	Initial State (IS)	Evaluation	Metacognitive	0	
				Control	E4	Metacognitive	1	
			New (NW)	Control	C1	Behavioral	1	
		"main bones of the human body"	Repeat (RP)	Select Main Ideas	SMI3	Metacognitive	0	
				Select Main Ideas	SMI6	Metacognitive	0	
				Control	C6	Behavioral	1	
				Select Main Ideas	SMI6	Metacognitive	0	
			"movable joints"	Control	C6	Behavioral	1	
				Select Main Ideas	SMI2	Metacognitive	1	
			New (NW)	Trial and Error	TE3	Procedural	1	
				Purposeful Thinking	PT3	Metacognitive	0	
			changed to Google's image tab	Control	C8	Behavioral	1	
				Select Main Ideas	SMI6	Metacognitive	0	
			New (NW)	Evaluation	E4	Metacognitive	1	

3	User_26	movable joints prosthetic limb features	Initial State (IS)		Select Main Ideas	SMI2	Metacognitive
				Trial and Error	TE3	Procedural	1
				Purposeful Thinking	PT3	Metacognitive	0
		appendix joint prosthesis connection module	Word Substitution (WS)	Purposeful Thinking	PT1	Metacognitive	1
		movable joint prosthesis	Word Substitution (WS)	Trial and Error	TE1	Procedural	1
			changed to Google's image tab	Control	C8	Behavioral	1
				Select Main Ideas	SMI6	Metacognitive	0
			shift to the source previously opened by the query "appendix joint prosthesis connection module"	Select Main Ideas	SMI6	Metacognitive	0
				Evaluation	E2	Metacognitive	1
				Evaluation	E4	Metacognitive	1