

Previous Experience
Update

Engagement (Happiness)
Positive

Duplicates

Symmetry
Continuity
Closure and Common Region
Contours

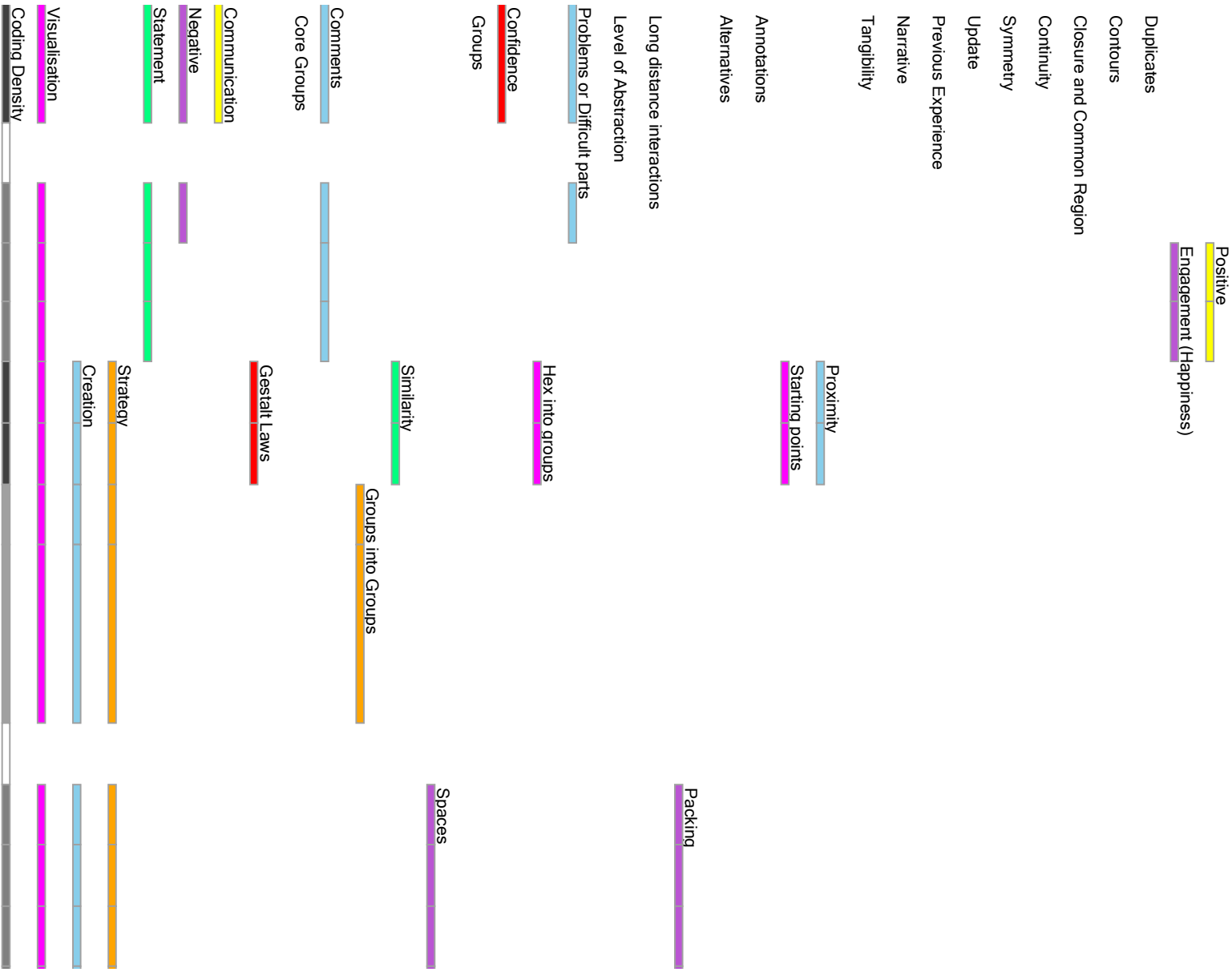
Narrative

Tangibility

	Timespan	Content	Speaker
1	0:00.0 - 0:06.1	Can you just explain me what you have done here?	SP
2	0:06.1 - 0:30.1	Some words - some of them are related to each other, so just grow these words that are related to each other and then grew and you know there is more groups and there is more groups and the relationship in this groups.	
3	0:30.1 - 0:35.3	Do you have a story or can you just explain me the groups?	SP
4	0:35.3 - 0:55.8	For example here this talk about something in genetics: for example genes, bacteria, hormones and viruses and so on. So, I thought this is related to something in life sciences.	
5	0:55.8 - 1:11.7	This group for example relates to something like designing, and imagination and drawing. Like art imaging.	
6	1:11.7 - 1:21.7	For example, this is related to some kind of programming technology, data algorithms theory and all of this.	
7	1:16.7 - 1:34.6	For example this is for optical things, optical sensors and flow.	
8	1:34.6 - 1:57.1	Here, for this group is related to plants and the universe. the stars, earthquakes, species, Africa and so on.	
9	1:57.1 - 2:05.9	Do you put any of the groups next to each other that are quite similar?	SP
10	2:05.9 - 2:47.0	No exactly. The words which is related to each other I make it as one group. So, All of these group somehow is not related to each other but the group itself make some relation between one word to other words. So, for example here universe: most likely related to earth and stores and climate. Climate maybe for my opinion is related to earth as we are affected by climate.	
11	2:47.0 - 3:09.6	Does any group have like a core theme? or are just things that are close together? Or did you thought like in this one that is had like a core kind of meaning to them?	SP
12	3:09.6 - 3:36.3	Not focusing in this. The core for this group can be the universe, or could be the earth as the earth is related for oceans. For example earthquake, climate more than the other word. For example, universe, earth is more related to each other and other things.	



13	3:36.3 - 3:49.3	How happy are you about your overview?	SP
14	3:49.3 - 4:32.0	Lots of words here, I tried to figure out what is these words at the beginning and imaging how can we make a relationship between these words. I tried, for example, to just have an overview of all these, and then try to make a relationship between the words which is very clear to me. And after that, some words left I tried to make it as related to another groups or make it a new group depending on the relationship - I found.	
15	4:32.0 - 4:38.3	Did you find any part quite difficult to do?	SP
16	4:38.3 - 4:57.9	Some - i don't know there meaning - i tried to use google translate.	
17	4:57.9 - 5:07.2	So, in this chart do you have any part that you don't like?	SP
18	5:04.2 - 5:07.6	No exactly no.	
19	5:07.6 - 5:22.9	You said that you put them into group. How did you started the groups, was it just joining two (cards) together or?	SP
20	5:22.9 - 5:40.6	Yes - depending on the word. I when ... two cards or words is related I was able to (join) - for example here, fuel and solar is kind of related to energe.	
21	5:40.6 - 5:46.6	Did you then tried to join groups of groups?	SP
22	5:46.6 - 6:46.4	I did not think in that way. But, for example, I took a pile of words and then tried to just spread these on the black board. Depending on the word being already being grouped as a whole group. So, if I had any words. So, i Think the word should be related to one of these words. So for example, here (..), design and brain - these things are related to each other. Because simulation, evaluation, design is kind of something related to designing a new thing. you need to make it as perfect as you can. So, this is related to also you need to use brain somehow to make it somehow (..) as you can.	
23	6:46.4 - 6:57.2	Where i took some words from the box. I tried to imagine which word is related to which group in the black board.	
24	6:57.2 - 7:12.5	Did you feel to pack them closer?	SP



25	7:12.5 - 7:29.9	Yes - for example here I though this one is related to that one more than that one. As you said before, it think this (center card) is the core of this group.	
26	7:29.9 - 7:40.5	Did you felt you need to make the groups small?	SP
27	7:40.5 - 7:57.4	Could be - could be - make it as smaller or larger. We can merge two groups to inform as one group.	
28	7:57.4 - 8:10.7	Spaces that you left. Are any of this groups related to each other? Or just because.	SP
29	8:10.7 - 8:15.7	No - (I) was just organing the black board.	
30	8:19.7 - 8:25.2	Did you found any tiles that might fit into many places or many gorups?	SP
31	8:25.2 - 8:31.8	No	
32	8:31.8 - 8:46.8	For example you have universe here and earth really next to universe but star a little bit further away. Did you thought that star is a little bit more different than earth?	SP
33	8:46.8 - 8:54.5	No - that one should be quite close to universe (moves hex).	
34	8:54.5 - 8:58.1	You did not thought about that? Did you just put it into the group?	SP
35	8:58.1 - 9:24.4	Yes - i did the group and somehow all these (hex) should related to each other but we need to think which words is more closer to other word. for example universe is more closer star or star closer to universe. (...)	
36	9:24.4 - 9:31.3	But when you were creating it - were you were thinking about it?	SP
37	9:31.3 - 9:58.6	I think in that way - So, when start for example earth and I need to search for which one is related to . So earth universe star are quite close to each other. And then I took ocean, not realated to star or universe but it is related to earth so, I put it closer to earth and so on. That is how to form the groups.	
38	9:58.6 - 10:15.4	I was wondering how far away did you thought - so for example this star ... how far away do you this one is realted to this ones? do you think the next one - only the ones next to each other?SP	SP

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Tangibility

Proximity

Starting points

Annotations

Alternatives

Packing

Long distance interactions

Level of Abstraction

Problems or Difficult parts

Hex into groups

Confidence

Groups

Spaces

Similarity

Groups into Groups

Comments

Core Groups

Gestalt Laws

Communication

Negative

Statement

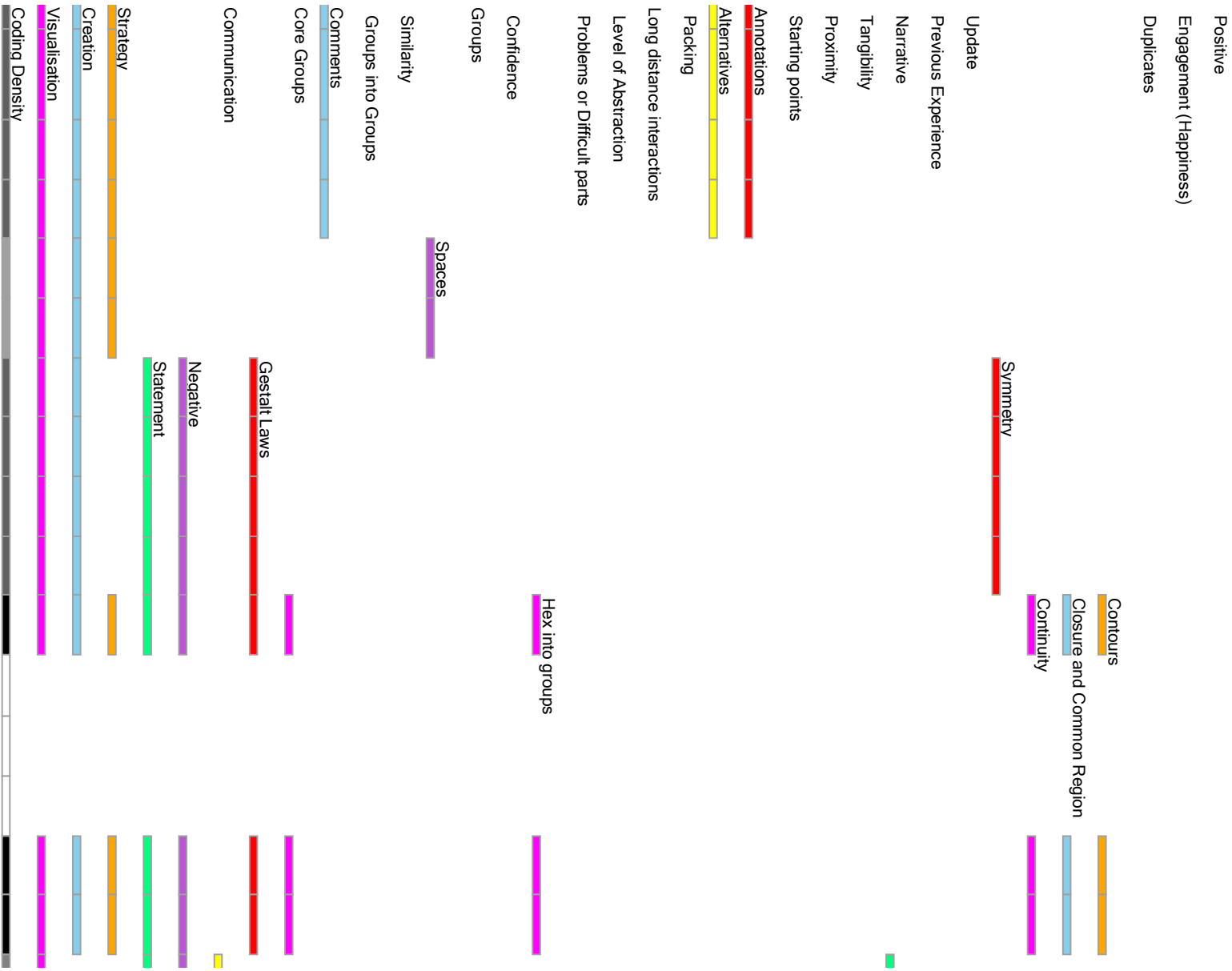
Strategy

Creation

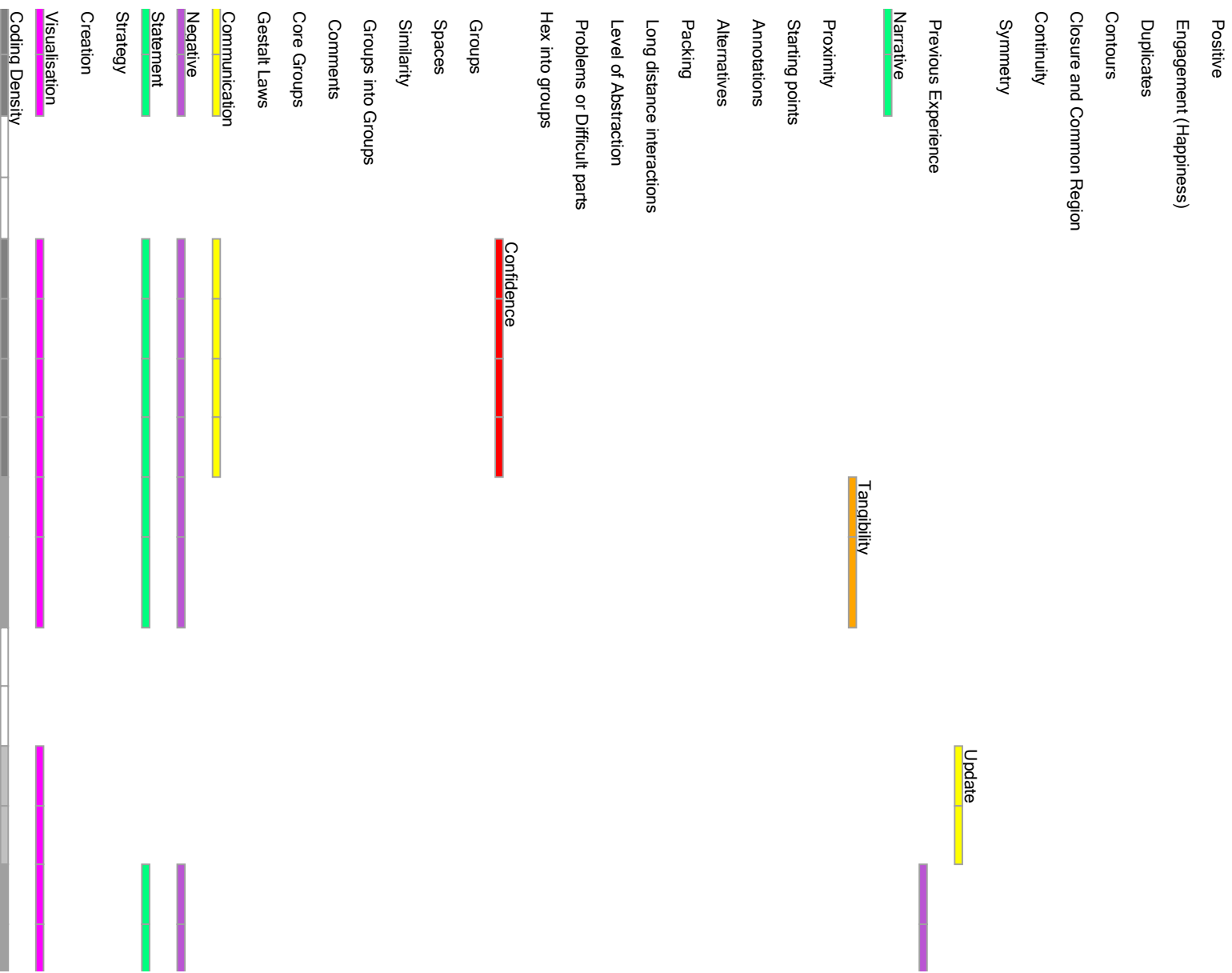
Visualisation

Coding Density

39	10:15.4 - 10:30.5	Maybe the next - or related to something - (...) this is a natural things - we can find them on the earth. for example ocean...	
40	10:30.5 - 10:38.7	So, you were thinking more about the whole group? or maybe just the ones close to each other?	SP
41	10:38.7 - 10:42.0	Yes	
42	10:42.0 - 10:47.4	Did you felt that you needed to write anything?	SP
43	10:47.4 - 11:10.3	Maybe writing just the relation that some of the relation between the words in one group. For example, the relation between these two is more stronger than these two and that one. Maybe that reflects the relation for my opinion between these word in one group.	
44	11:10.3 - 11:15.1	So, you didn't felt like annotating or writing anything on the chart?	SP
45	11:15.1 - 11:39.4	No - could be I did not think that way. But, for the words already there. nothing else.	
46	11:39.4 - 11:52.4	You left some space here - did you felt like completing that space?	SP
47	11:48.8 - 11:59.7	Maybe could be that one (space) could be for extra words or a new groups for example or something new.	
48	11:59.7 - 12:08.0	Did you felt like making it a bit symmetrical?	SP
49	12:08.0 - 12:14.0	Could be - I don't think in that way.	
50	12:14.0 - 12:17.6	Or did you try to make like a pattern?	SP
51	12:17.6 - 12:28.6	The pattern, just joining or forming groups. I'm focusing only in the groups.	
52	12:28.6 - 12:35.1	What about the shape of the groups? you have a circle here and a straight line here.	SP



53	12:35.1 - 13:03.0	Maybe the relation is the ... relationship between the words in one group. For example, this here is related to universe.. (..) I make it kind of forming a group to reflect one title one meaning.	
54	13:03.0 - 13:19.3	I was thinking more about the shape of it? Where you thinking about the shape or just as a group?	SP
55	13:19.3 - 13:32.6	It is from one side. as a group. but for other side is kind of relation between words in one group.	
56	13:32.6 - 13:38.7	So, it is more how they fit into that group?	SP
57	13:38.7 - 13:43.1	yes	
58	13:43.1 - 14:04.0	If you were trying to a story about it? and you can explain it into a simple way? or did that come into your head?	SP
59	14:04.0 - 14:25.6	No - actually - each group is separated or there is no relation between groups. So, that is without thinking the whole groups as one thing or story.	
60	14:25.6 - 14:44.0	If you were away. And then someone asked you can you explain me - what the whole overview was about? would you be able to do it? do you feel confident about it?	SP
61	14:44.0 - 15:05.7	Could be yes. If I rechecked this words I can forming or just constructing review all this groups. I could make a story.	
62	15:05.7 - 15:12.8	I was thining more could you explain it to someone else? would you remember the groups?	SP
63	15:12.8 - 15:26.9	Quite difficult to me to remember all these because it is first time to read and group these words. It could be.	
64	15:26.9 - 15:35.2	So, do you feel not too confident?	SP
65	15:35.2 - 15:43.3	no yes - no no. Maybe.	
66	15:43.3 - 15:56.6	Did you like the cards? having them printed? If I have tghe same task butg in iPad? would that help?	SP
67	15:56.6 - 16:35.5	I think the iPad would be a bit more easier. As the cards itself are not quite similar. Dimmesions and design of the words are not exactly similar. All of these cards. That make some confusing when sorting these groups. I	



		think iPad it would be much easier. Could be.	
68	16:35.5 - 16:46.7	Say I forgot to give you a few extra card? how would you place them?	SP
69	16:46.7 - 17:36.8	DNA is related to this group... (place in line group).. This that group as well.	
70	17:36.8 - 17:38.5	You just adding them to the groups?	SP
71	17:38.5 - 18:09.6	Yes - (...)	
72	18:09.6 - 18:18.7	How much experience do you have working with visualisations?	SP
73	18:18.7 - 18:22.2	Quite few - not too much.	
74	18:22.2 - 18:26.8	Do you normally work with excel? or?	SP
75	18:26.8 - 18:29.7	Most likely excel and Matlab.	
76	18:29.7 - 18:40.7	What about layouts? web sites? magazine?	SP
77	18:40.7 - 18:47.2	No.	

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