26.04.2019 Duration of Session 2 (19.27min)

The main part of the work was recorded in two parts due to camera batteries replacement

(18 :37min - main part of group work) I recording (2.)

(01.32min) - main part of group work) II recording (2.1.)

-----------------------------------------------------------------------------------The final part (presentation) was recorded in two parts due to the camera batteries replacement

(0.19min) I recording (2.2.)

(0.39 min) II recording (2.3.)

SB-G2-Ses.2 (School B - Group 2 - Session 2)

Pupils prepare for work. They open their textbooks, notebooks… and divide work in the group

(0:40) MLA boy: “Who draws best?”

(0:41) HLA boy: “I do.”

(0:42) LLA girl and MLA girl raise their hands at the same time and say: “I do, I do.”!

(0:43) While flicking through the textbook, MLA girl says: “Let B (HLA boy) draw.”

(0:49) MLA girl: “B (HLA boy) is the most important person in this group. Let him be. And then he says we don’t do anything.” (she flicks through the textbook and doesn’t look at HLA boy)

(0:54) HLA boy watches MLA girl as he says, “No!”

(0:55) MLA girl: “Yes.” (glances at HLA boy)

(0:56) HLA boy: “Look… I’ll dictate, you write...” (points at MLA girl), “…and you draw.” (points at LLA girl and she smiles)

(01:01) MLA boy: “I’ll dictate... I’ll dictate from the notebook.” (previously they prepared materials collected through researcher)

(01:05) HLA boy looks at MLA boy, comes closer to him and says: “I’ll dictate because I can do it better.”

(01:08) MLA boy: “And why is it that you can do it better?” (gently slaps hits the desk wit his palm)

(01:09) HLA boy: “Because S (MLA girl) should dictate.”

(0:11) MLA boy: “Well, I’ll dictate to her.”

(01:18) HLA boy: “Wait… We haven’t start off… Put the paper in the middle.” (MLA boy gives a poster to pupil HLA boy who puts it in the middle of the desk)

(01:25) HLA boy: “And now we are waiting… Remove everything from the desk.” (HLA boy puts his things away) “Leave only the textbooks.” (other pupils do this after him)

(01:33) The teacher can be heard in the background: “Come on, a bit quieeeter please… As far as the mind map is concerned, it’s like this… Let me remind you again what needs to be done.” (she raises the textbook high facing the class) “So…” (she lists the things required) “Colours, text… not much text and images… They can be included but not necessarily.”

As the teacher speaks, the pupils listen and occasionally have conversations such as the one between MLA boy and HLA boy.

(01:54) MLA boy and HLA boy talk quietly about who will dictate from their notebook.

(02:01) HLA boy: “S, (calls MLA girl by her name) who do you want to dictate, me or A?” (points at MLA boy) (he is waiting for the answer, because MLA girl is looking for something)

(02:08) MLA boy: “Well, I wrooote it down in and you can do it only from the book.” (what he wants to say is that he prepared a research paper with notes from his notebook)

(02:13) HLA boy looks at MLA boy: “Well, yes… I’ll read to her from the book.” (and he waves his hand)

(02:15) MLA boy: “Well, I’ll do it from my notebook.”

MLA girl and LLA girl talk about how good a sharpener is, because MLA girl borrowed it from LLA girl to sharpen her pencil.

(02:18) HLA boy looked to the side and then back at MLA boy: “But it’s not exactly one hundred percent correct from the notebook.”

(02:21) MLA boy: “And it is one hundred percent correct from the book... I copied this half from the book and half from the Internet.”

(02:23) HLA boy turns and takes his textbook from his school bag.

(02:35) MLA boy: “I’ll dictate to her.”

(03:02) HLA boy: “Let’s start… Let’s start.”

(03:04) MLA boy adds a poster: “Let’s start S.” (MLA girl) (MLA girl is under the desk looking for something)

(03:07) HLA boy: “This is how we will proceed.” (he takes the poster in his hands)

(03:11) HLA boy puts the poster in front of him: “Now I’ll write here the following - Contemporary Technology.” (and he turns to MLA boy) “Is it contemporary?”

(03:19) MLA boy: “Today’s or the present… It’s the same.”

(03:20) HLA boy starts writing.

(03:23) MLA girl sits in her seat: “You B, (HLA boy) can’t draw.”

(03:27) HLA boy raises his head and looks and MLA girl: “I’ll write.”

(03:28) MLA girl: “You’re the one who did it most often.” (she then puts her hand under her chin, leans on the desk and watches)

(03:38) MLA boy gets a little closer and looks at the poster: “Have you written it?”

(HLA boy does not react)

(03:56) MLA girl watches what HLA boy writes.

(04:09) MLA boy: “Have you written it?”

(04:10) HLA boy: “Yes.” (he straightens up and turns the poster over)

(04:11) MLA boy: “Now write... ‘The technology is…’”

(04:12) HLA boy: “Wait.” (moves to take an eraser from the pencil case)

(04:14) The teacher comes to the group: “Bravo.” (stands next to HLA boy) “Circle it or however you intend to do it.”

(04:18) The teacher asks: “And what are they doing?” (points at MLA girl and LLA girl)

(04:20) HLA boy: “Errr… (stops for a moment) V (LLA girl’s name) will draw, S (MLA girl) will write.” (looks at the teacher)

(04:26) Teacher: “She writes nicely and neatly, right?”

(04:28) HLA boy: “Yes.” (he has already started making a map on the poster)

(04:29) The teacher moves towards MLA boy: “And A (MLA boy) was in charge of data, right?”

(04:35) MLA boy looks at the teacher: “Yes, I prepared it in my notebook.”

(04:36) The teacher leaves the group.

(04:46) HLA boy addresses MLA girl: “S, (MLA girl) how do you want me to draw lines? How would you like the lines to stretch?”

(04:50) MLA girl makes a facial expression by raising her eyebrows, then pursed her lips a little and shrugged. It can be interpreted as that she does not know.

(04:50) LLA girl raises her hand and looks at HLA boy.

(04:51) HLA boy nods as a sign that he approves what he said to LLA girl.

(04:53) LLA girl: “Which lines?”

(04:57) HLA boy: “Lines, like this...” (and he starts drawing them on the desk) “Shall we do them like this, curved, or straight?” (referring to the lines for linking concepts in the mind map)

(05:00) LLA girl repeats the finger movements on the desk and repeats.

(05:00) MLA boy adds: “Curved.” (and she looks at LLA girl)

(05:05) MLA girl starts writing curvy lines on a sheet of paper: “That will be all right.”

(05:08) HLA boy leans over what MLA girl draws and starts writing the same thing on the poster.

(05:10) MLA girl adds: “But so that they can fit in...”

HLA boy continues to draw lines on the poster while the others watch.

(05:33) LLA girl leaves the group without saying anything.

(05:42) HLA boy: “Well, we’ll do it this way.”

(05:42) During this time, MLA girl tries different sharpeners: “None is good.”

(05:46) MLA boy yawns.

(05:49) MLA girl: “He feels sleepy.” (looks at MLA boy)

(05:51) HLA boy: “Come on.” (stops writing on the poster)

(05:53) MLA girl: “Let me write.”

(05:53) MLA boy dictates: “Technology is…”

(05:56) HLA boy repeats: “Technology is… write it down.” (he hands over the poster to MLA girl)

(05:59) HLA boy puts the poster in front of MLA girl: “In ordinary letters…” (points to her where to write on the poster)

(06:02) LLA girl appears in the group. She takes the sharpener from the desk and sharpens her pencil standing; (06:08) she sits in her seat while watching what MLA girl is doing.

HLA boy and MLA boy watch all the time while MLA girl writes.

(06:12) MLA girl: “...is…” she raises her head and looks towards HLA boy “Technology is…”

(06:19) HLA boy: “Let me do the lines…” (he stretches and takes the handout)

(06:21) LLA girl addresses MLA girl: “Here you are.” (puts a pencil on the desk, which she has sharpened for MLA girl)

(06:24) ML A girl takes the pencil and asks LLA girl: “Where did you get this?”

(06:25) LLA girl points her finger in the direction of the second group.

(06:27) LLA girl looks at MLA girl: “I borrowed it.”

(06:28) MLA girl: “From whom?”

(06:29) LLA girl: “From her” (points to a pupil in the second group)

(06:30) MLA girl gently smiles and slightly tilted her head to one side.

(06:32) MLA girl turns around and calls the pupil from another group by her name: “H, is this yours?” (and she lifts the pencil)

(06:35) LLA girl: “No, it’s A’s.” (says the name of the other girl)

(06:36) MLA girl turns again to the class and calls: “A, (the name of a girl from the other group) is this yours?” (she calls her by her name three times)

(06:41) MLA girl: “Is it yours?” (lifts the pencil)

(06:44) MLA girl: “She nods.”

After receiving an affirmative answer, she does not comment.

(06:56) MLA girl looks at HLA boy: “Come on.”

(06:23) HLA boy: “Technology is…” (he starts drawing lines that connect terms)

(06:26) MLA boy looks at HLA boy and dictates: “Use…” (looks in his notebook) “…knowledge.”

(06:45) HLA boy: “But... We needn’t write everything but what types of technology we have.”

(06:49) MLA boy: “Wait until I find that.” (looks in his notebook)

(06:53) HLA boy get closer to MLA boy and looks in his notebook: “The types of technology ... Where did you write it?”

(06:56) MLA girl looks at HLA boy: “Come on.”

(07:01) MLA boy asks HLA boy: “How does it affect or what?”

(07:01) HLA boy starts writing on the poster.

(07:03) MLA girl: “I’ll draw.”

(07:05) MLA boy: “Come on, write how technology affects.”

(07:08) LLA girl: “I’ll draw... I draw best in the classroom.”

(07:12) HLA boy lifts his head from the poster and stops writing. He looks in the direction of LLA girl: “Yooou?!”

(07:12) MLA girl looks at LLA girl: “E…” (pronounces the name of another female pupil in the class) “…draws best in the class.”

(07:11 -08:08) LLA girl looks at her textbook.

(07:18) MLA girl: “And then I do.”

(07:20) HLA boy stops writing on the poster: “Here, ‘The technology is the use of…’”

(07:23) MLA girl: “Am I the one to write?”

(07:25) HLA boy: “Yes… Come on “(and passes the poster over to MLA girl)

(07:30) MLA girl starts writing, then raises her head: “What?”

(07:32) Leaning on his elbows, HLA boy looks at MLA girl while she is writing: “The use of... technical items…”

(MLA girl writes on the poster)

(07:47) A pupil from the second group comes to the MLA girl’s desk and just looks at the poster without saying anything.

(08:02) MLA boy dictates: “The use and knowledge of techniques and… and systems.”

(08: 10) MLA girl: “I wrote everything in block.” (thinks of block letters)

(08:20) MLA girl: “What’s to be done next?”

(08:10- 08:48) LLA girl talks with pupils from the second group who ask her which football team she supports)

(08:25) MLA boy: “Full stop.” (and continues to dictate) “It affects our society…”

(08:33) MLA girl: “I can’t hear him.” (MLA boy talks quietly)

(08:35) HLA boy: “Come on, I’ll do it for her.” (and comes closer to see the MLA boy’s notebook)

(08:38) HLA boy: “Come on, you dictate one sentence and I’ll another.” (but MLA boy doesn’t allow it and continues)

(08:46) MLA boy: “…positively and negatively.”

(08:51) HLA boy starts off to take the poster: “I will.”

(08:52) MLA girl doesn’t allow and pulls the poster to herself: “No, I will.”

(08:53) HLA boy continues: “It affects our society…”

(08:56) MLA boy intercedes: “Affects…”

(09:02) HLA boy monitors while MLA girl writes: “Society…” (09:06) HLA boy: “Affects...” (waits a little wait) “…positively and negatively.”

(09:12) HLA boy starts off to get the poster from MLA girl: “Give it to me.”

(09:13) MLA girl removes the HLA boy’s hand away: “Wait.”

(09:24) A pupil from the second group calls HLA boy by his name, and HLA boy turns: “Shut up.” (HLA boy turns to MLA girl who finishes with writing)

(09:32) HLA boy takes the poster from MLA girl after MLA girl has finished with writing.

(09:33) HLA boy starts erasing part of the written text.

(09:36) MLA girl comments: “And he…” (thinks of MLA boy) composed it as if it was…” (and just waves her hands) “…as if we shall…” (but LLA girl interrupts her)

(09:41) LLA girl gets into the MLA girl’s face saying: “Željo… Željo…” /soccer club/ (after she communicated with pupils from group 1) (MLA girl does not respond, remains quiet)

(09:41) HLA boy erases part of the text: “I said, A (MLA boy’s name) don’t put in so much text.”

(09:45) MLA boy: “But to do what?”

(09:47) HLA boy: “We only need the most important things.”

(09:49) MLA boy: “Well, theeese are the mooost important things!”

(09:50) HLA boy writes on the poster again

(10:04) MLA girl watches as HLA boy writes, then addresses HLA boy: “Oh, let it be… You write it… You give it and then you take and write… Well, write it then.” (waves her hand and turns to the class)

Off-task conversation between LLA girl and MLA girl

(10:45) MLA boy: “Have you written it?” (addresses HLA boy who writes on the poster)

(10:47) HLA boy: “Yes… Now we’ll do…” (pauses for a moment) “…clocks... we have digital clocks…”

(10:57) HLA boy: “Now we’ll draw one line.” (draws a line on the poster connecting the terms in the map)

(11:06) MLA boy: “You needn’t write what we have in the contemporary technology, but what the contemporary technology is.”

HLA boy does not react but writes on the poster.

Other pupils do not work, they look around and occasionally at what HLA boy is doing on the poster.

(11:35) After making the contours of the map, HLA boy says: “Here S, (MLA girl) write.” (he gets up, then sits down again to write something)

(11:38-11:45) MLA girl: “Okay. No, you write.” (leans across the desk and touches the poster, and then puts her head down on the desk, very briefly, but straightens and exhales, letting out the sound of air)

HLA boy continues writing in the map.

(11:52) HLA boy hands over the poster to MLA girl.

(11:55 -11:58) MLA girl looks to the poster, then looks up and looks at HLA boy.

(11:58) HLA boy: “Cooome on!” (stands at his seat and watches MLA girl as she works)

(12:04) MLA girl looks at HLA boy: “What do we have here?”

(12:05) HLA boy: “We have clocks... and these are…” (he leans on the desk and remains in the half-sitting position while MLA girl writes)

(12:10) LLA girl: “I’ll draw.”

(12:12) HLA boy: “You’ll draw later.” (glances at LLA girl)

(12:14) HLA boy continues to dictate to MLA girl: “…and these are, colon…”

(12:16) A pupil from the second group approaches HLA boy: “B, (HLA boy’s name) would you like that you and me are in the group?”

(12:18) HLA boy: “Yesss… Well…” (looks away at MLA girl who looks at him significantly) “…wristwatch and…”

(12:29) MLA girl and HLA boy react to the pupils coming to their group

(12:31) MLA girl: “D, (girl’s name) go to your group.”

(12:31) HLA boy: “Ahh, don’t disturb us.”

(12:35) LLA girl gets up and leaves the group without saying anything.

(12:41) HLA boy continues to dictate to MLA girl: “Comma… wristwatches...” (he waits for her to write that) “…and wall clocks.”

(Excerpt 10)

1 (13:04) The teacher approaches the group: “What is V. (LLA girl’s name) doing?”

2 (13:05) HLA boy says louder “She wants to draw while we’re writing this.”

3 (13:07) LLA girl returns to the group and sits in her chair.

4 13:08: MLA girl says very quietly: She draws.” (looks at HLA boy)

HLA boy continues: “A. (MLA boy) dictates.”

5 (13:14) Teacher: “You see, you draw…” (the teacher addresses LLA girl) “…you’re creative.”

6 (13:23) The teacher is in the group: “You see, everyone has a task.” (then the teacher leaves)

7 (13:26) LLA girl addresses her group: “You see, the teacher says I’m creative.”

8 (13:31) HLA boy: “Well, I… we said you would draw... when finish with writing.”

9 (13:36) LLA girl: “Then I’m sorry. I didn’t hear that.”

10 (13:39) HLA boy: “You didn’t hear us.” (and keeps writing on the poster)

(13:44) LLA girl addresses MLA girl: “Hey... hey… She’s saying something to her.” (she smiles, but it’s not understandable)

(14:47) MLA girl turns to LLA girl, frowns, puts her palm to her ear and exhales deeply

(13:50) LLA girl: “Okay… I’m ignoring you.”

(13:52-13:58) MLA girl doesn’t move, holds her palm to her ear and looks at the LLA girl from the side without turning her head.

HLA boy continues to write alone.

(14:08) MLA girl: “Well, I’m the one who’s writing B (calls HLA boy by his name) and not you.”

(14:10) HLA boy: “I just did this line…” (he still writes without looking at MLA girl)

(14:11) MLA girl: “Well, it doesn't matter. I’m writing that, too.”

(14:13) HLA boy: “Here you go…” (HLA boy hands over the poster to MLA girl) “You’re to write down ‘cell phones’ now.”

(14:16) LLA girl stretches out her hand and takes a pencil from the MLA girl’s hand: “Give me the pencil.”

(14:19) HLA boy: “Well, give it to her.” (looks at LLA girl)

(14:21) MLA girl: “Well, it doesn't matter.” (a bit angrily) “She always demands something.”

(14:24) HLA boy sighs and turns to LLA girl: “V, (LLA girl) let her wriiite! You will draw later.”

(LLA girl does not comment)

(14:31) MLA boy: “Hey… you have to write what the positive things are.”

(14:37) HLA boy: “We’ll write that below.”

(14:42) MLA boy and HLA boy look at each other; HLA boy nods a couple of times.

(14:49) HLA boy gets up and starts dictating to MLA girl: “Cell phones are…” (waits until MLA girl writes it) “…are items.”

(LLA girl) sings.

(15:07) HLA boy continues to dictate: “…which we use... in the present.”

(LLA girl) gets up and leaves the group.

(15:35) MLA girl: “Next.” (gives a sign that he dictates to her further)

(15:37) HLA boy: “We have… (waits)… cell phones…”

(15:48) Teacher: “Ten more minutes of work.”

(15:50) The teacher approaches the MLA girl’s desk and points her finger at the poster: “Less text, more branches...”

(LLA girl) returns to the group and stands above MLA girl as she writes

(16:18) MLA boy: “Let’s write positive things… There’s not much.”

(16:39) After writing on the poster, HLA boy addresses MLA boy: “Come on, dictate.”

(16:41) MLA girl: “Come on, hurry up... Give it to me.” (stretches across the desk to take the poster from HLA boy)

(16:43) HLA boy: “Come on, write …. The positive things…”

(16:44) MLA girl writes on the poster while HLA boy dictates.

(16:47) MLA boy continues to dictate: “It provided… to us…”

(17:11) HLA boy continues: “Namely the modern technology...”

(17:15) HLA boy and MLA boy together: “Modern technology…”

(17:27) The teacher can be heard in the background: “We only have five minutes more to work and five minutes for the presentation.”

(1 7:31) HLA boy takes the poster from MLA girl: “Give it to me. Now I’ll work further.”

(17:33) MLA boy approaches HLA boy and dictates to him: “The modern technology is…”

(17:37) HLA boy: “We needn’t put thaaat… We have to finish now.”

(17:43) LLA girl gets up and leaves the group.

(17:45) MLA girl: “And we haven’t even drawn anything.” (she raises her both hands up a little anxiously)

(17:51) HLA boy: “Now we’re going to draw here.” (points at the poster)

LLA girl returns to the group.

(17:51) Teacher: “Come on. Let V (LLA girl) (the teacher points her hand at girl LLA) draw for you.”

(17:53) HLA boy: “Come on V. (name LLA girl), you draw it.” (puts the poster in front of LLA girl)

(17:58) LLA girl: “What should I draw?”

(17:59) HLA boy: “A digital watch.”

(18:03) LLA girl: “What does a digital watch look like?”

(18:05) HLA boy pulls the poster a little: “Here, draw a cell phone... Here.” (points his hand at the poster) “Here.”

LLA girl draws as HLA boy watches.

(18:17) MLA girl: “And now I’ll do the presentation.”

(18:18) HLA boy turns his head from the poster as he follows LLA girl and looks at MLA girl: “I don’t care... The teacher said I should do the presentation.”

(18:21) MLA girl nods a few times.

(18:24) MLA girl: “Then I’ll ask her to allow me... You already did it... You also did it for the tasks and I haven’t done any presentation.”

HLA boy follows as LLA girl draws and comments no further

Recording II after battery replacement

(0:03) HLA boy: “Bravo… You needn’t do anything inside... Leave it that way.” (he takes the poster from LLA girl and starts writing something)

(0:04) LLA girl: “Wait… Now I’ll decorate with red colour pencil.” (she looks for a colour pencil in her pencil case)

(0:11) MLA girl: “Give it over to me.” (looks at HLA boy)

(0:13) MLA girl: “Give it to me.” (repeats again and extends his hand to HLA boy)

(0:19) HLA boy gets up and addresses LLA girl: “V, (LLA girl) draw a clock.” (HLA boy puts the poster in front of LLA girl) “The clock, anywhere.”

(0:24) MLA girl: “Let me colour it.” (she takes the colour pencil from the desk and goes to the other side of the LLA girl’s desk)

(00:27) LLA girl: “I’ll do it this way.” (looks at HLA boy) “Can I draw a totally small one.”

(0:29) The teacher can be heard in the background: “Two more minutes and I’ll stop the work.”

(0:31) MLA girl: “Two more minutes and she’ll stop it.”

(0:35) HLA boy, in a semi-sitting position and leaning on the desk: “Draw any clock.”

(0:37) Teacher: “One more minute.”

(0:38) MLA girl colours standing up and sighs deeply filling her mouth with air.

(0:39) HLA boy turns to the teacher, rans his hands through his hair and takes a deep breath.

(0:42) LLA girl: “Well, I’m done.” (moves away from the poster, puts down the pencil and raises her open palm in the air)

(0:47) MLA girl still colours with a blue colour pencil on the poster, now a little more hastily.

MLA boy and HLA boy watch.

(0:55) MLA boy gets up from his seat, puts himself in a semi-sitting position leaning on the desk while watching MLA girl finishing.

(01:00) HLA boy writes something on the poster with a colour pencil.

(01:12) MLA girl waves her hands over her head very nervously and takes a green colour pencil to write something.

(01:13) HLA boy takes the poster.

(01:14) MLA girl: “Wait… Wait...” (she takes the poster to write something while the teacher announces the end of the work)

(01:15) Teacher: “The time for work has expired... Leave all the accessories.”

(01:25) The teacher invites the group: “Come on B. (name HLA boy) Bring your mind map.”

(01:28) While coming out, HLA boy says: “Teacher, may I do the presentation.”

Recording III

Pupils stand in front of the chalkboard and MLA girl holds the poster with a mind map.

MLA girl: “I’m S (MLA girl) and those who worked with me are V, (LLA girl) (looks first at LLA girl) B, (HLA boy) and A (MLA boy).” Our task was to…” (pauses a little) “…with…” (pauses)

(0:11) HLA boy follows and adds: “Contemporary technology.”

(01:12) MLA girl lowers down the poster and glances at HLA boy (her facial expression can be interpreted as disapproval for help)

(0:13) Teacher: “You’re researching about…”

(00:14) MLA girl looks at the poster: “Contemporary technology.”

(0:16) Teacher: “Bravo.”

(00:17) MLA girl looks at HLA boy and hands him the poster.

(0:18) Teacher: “Come on.”

Recording IV (the batteries were running low and the presentation was recorded in two parts)

(0:01) HLA boy takes a step forward holding the poster: “And we have digital watches that we use in the present, which are wristwatches and digital watches… “

(00:11) HLA boy continues with the presentation: “We have cell phones, smart phones that are used now in the present, and best known phones are of Samsung phones.”

(0:22) Teacher: “Come on, an applause.”

HLA boy bows, followed by LLA girl and they both leave the space in front of the chalkboard.

LLA girl briefly took part in the work through drawing… LLA girl and MLA boy did not take part in the presentation.