



Erasmus+



Erasmus Plus Project
“Jardin sans frontière - Une école pour développer les compétences -clés en Europe”

Liceo Artistico of Cortina d'Ampezzo

**European Credit system for Vocational Education and Training
ECVET**

Evaluation of the goals attained by the students of Liceo Artistico of Cortina involved in the programme during the school years 2017-2019.

Subject areas selected with reference to the Key-competences in Europe

The evaluation was made on a group of 60 students among whom 15 with some basic weaknesses regarding key-competences, especially in the maths and communicative/linguistic areas.

Methodology

The methodology employed to develop the teaching/learning programme was mostly based on the use of visual tools supported by ICT.

The maths studies were fulfilled on the field with direct interventions consisting in the collection of information, data, measurements, etc. which were systematically processed afterwards, transferred on tables and transformed into infographics.

This operational methodology had been employed and tested during a previous project experience carried out by the Liceo Artistico of Cortina within the Erasmus+ project *Numbers become Art*.

On this occasion tools and modes were further developed, tested, and adjusted to the different targets.

Time-spans for checking and evaluation

The evaluation was implemented over three different moments

Preliminary evaluation (Initial situation): December 2017

Intermediate evaluation: December 2018

Final evaluation: May 2019

The data of the three recordings were transcribed on three different tables. Each table highlights the percentages of incidence of the different columns of the evaluation value (A B C D E)

Communication in the mother tongue	Cultural awareness and expression	Mathematical competence and basic competences in science and technology	Digital competence	Artistic Skills and Creativity	Social and civic competence	Sense of initiative and entrepreneurship	Communication in foreign languages
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LEGENDA

A = notes between 80 and 100/100

B = notes between 60 et 80 /100

C= notes between 40 et 60 /100

D= notes between 20 and 40/100

E= notes between 0 and 20/100

The testing activities apt to record the acquisition of the key-competences were carried out in accordance with the school evaluation system as employed in the different subject areas.

The comprehensive data were collected in a series of histograms allowing the comparison between the initial, intermediate and final situations.

The data show that the improvements in the weaker areas are more evident in the area of art and creativity.

It was definitely ascertained that the good results achieved in the disciplines involved were favoured by the use of visual tools and languages.

In fact, the methodology experimented during the two-year project has largely availed itself of the visual communicative language conveyed through images and observation in class and field workshops where creativity was used to interpret possible difficult incidents. All of this has favoured the reinforcement of the key-competences in the maths and verbal communicative areas and, particularly, in the field of Visual Arts which are the subjects characterizing the pedagogical pathway of the Liceo Artistico of Cortina.

Details:

- Three tables, one for each period of evaluation, with the raw data of the assessments (the date concerning the students with learning difficulties are written out in red).
- Three tables, one for each period of evaluation, with the sum up data (percentages of assessments per level).
- Eight tables with the related histograms, one for each key-competence, with the trend of the assessments during the three periods of evaluation.
- Eight tables with the related histograms. one for each key-competence, with the trend of the assessments during the three periods of evaluation referred only to the group of students with learning difficulties.

European Credit system for Vocational Education and Training

ECVET

Situazione/valutazione di partenza

01/12/17

Project Erasmus Plus

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Students	Communications in the mother tongue	Cultural awareness and expression	Mathematical competence and basic competences in science and technology	Digital competence	Artistic skills and Creativity	Social and civic competence	Sense of initiative and entrepreneurship	Communication in foreign languages
1	D	C	E	C	C	C	D	B
2	D	C	D	B	C	D	C	B
3	E	D	D	B	E	E	D	C
4	C	C	D	B	B	C	C	B
5	C	B	C	C	D	B	D	C
6	C	B	E	C	C	B	C	A
7	D	B	E	D	D	C	C	C
8	B	C	C	C	C	D	B	C
9	C	E	C	D	D	D	B	D
10	C	D	D	E	C	C	C	D
11	D	B	C	B	C	B	C	B
12	D	C	C	B	C	A	B	C
13	C	A	C	B	B	B	B	C
14	B	A	D	C	C	A	A	C
15	B	C	D	C	C	B	A	B
16	B	D	B	B	B	B	B	E
17	D	B	A	C	D	C	B	E
18	C	B	B	B	E	B	C	B
19	A	B	A	A	D	C	B	B
20	A	A	B	A	D	C	C	C
21	B	A	B	B	E	B	D	B
22	D	C	D	B	A	B	D	C
23	B	B	E	C	B	A	C	C
24	E	B	A	D	B	B	D	B
25	B	B	A	D	A	A	B	B
26	B	A	B	E	A	B	A	E
27	A	A	A	D	B	B	A	A
28	A	A	B	E	B	A	B	A
29	E	D	A	C	C	A	A	C
30	E	D	A	C	B	D	C	C
31	A	B	B	C	C	A	A	A
32	A	A	C	C	B	B	B	B
33	B	B	B	A	A	C	A	B
34	B	A	A	C	D	D	E	A
35	C	D	E	C	A	A	B	C
36	C	D	C	C	B	B	A	B
37	C	B	B	B	A	C	C	B
38	D	B	B	A	A	C	C	C
39	B	A	A	A	C	B	B	C
40	A	A	B	B	B	C	A	B
41	A	B	B	C	C	A	C	C
42	B	D	E	B	B	A	D	C
43	B	E	C	B	A	B	D	B
44	A	B	B	A	C	A	C	B
45	D	A	C	C	D	B	B	A
46	E	C	B	B	C	C	B	A
47	C	E	E	A	A	B	B	B
48	E	C	C	A	A	B	C	B
49	C	A	A	B	B	C	C	B
50	B	B	B	A	A	B	B	A
51	A	A	B	B	C	B	A	B
52	B	B	C	D	D	B	C	B
53	C	C	B	A	B	C	D	B
54	B	A	B	C	D	E	A	C
55	C	A	A	C	B	B	C	C
56	B	B	B	C	A	B	B	A
57	A	B	A	A	C	C	B	A
58	C	B	B	C	E	D	D	C
59	A	C	B	B	C	D	C	C
60	B	B	C	D	E	B	C	A

European Credit system for Vocational Education and Training

ECVET

Situazione/valutazione di partenza

01/12/2018

Project Erasmus Plus

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Students	Communications in the mother tongue	Cultural awareness and expression	Mathematical competence and basic competences in science and technology	Digital competence	Artistic skills and Creativity	Social and civic competence	Sense of initiative and entrepreneurship	Communication in foreign languages
1	C	C	C	B	B	B	D	B
2	C	B	D	B	B	B	B	B
3	C	B	C	B	B	E	B	B
4	C	C	B	B	B	C	C	B
5	B	B	B	B	D	B	D	C
6	C	B	E	C	C	B	B	A
7	D	B	D	C	B	B	C	B
8	B	B	C	C	C	B	B	C
9	C	C	C	C	B	D	B	D
10	B	D	D	C	B	C	B	B
11	C	B	C	A	A	B	C	B
12	D	C	B	A	C	A	A	C
13	B	A	C	B	B	B	A	C
14	B	A	C	C	B	A	A	C
15	A	B	D	A	B	B	A	B
16	A	D	B	B	B	B	B	E
17	C	B	A	C	B	C	B	B
18	C	B	B	B	B	B	C	B
19	A	B	A	A	B	B	B	B
20	A	A	B	A	D	C	A	C
21	B	A	B	A	C	B	A	B
22	C	C	D	A	A	B	A	B
23	A	B	C	B	A	A	C	C
24	C	B	A	D	B	B	D	B
25	B	B	A	D	A	A	B	B
26	B	A	A	E	A	B	A	D
27	A	A	A	B	B	B	A	A
28	A	A	B	C	A	A	B	A
29	D	D	B	B	A	A	A	B
30	E	C	A	C	B	D	C	C
31	A	B	B	C	B	A	A	A
32	A	A	B	C	B	B	B	B
33	B	B	B	A	A	C	A	B
34	B	A	A	B	B	D	D	A
35	C	D	C	B	A	A	B	B
36	B	D	C	C	B	B	A	B
37	C	A	B	B	A	B	B	B
38	C	A	B	A	A	B	B	C
39	B	A	A	A	A	B	B	B
40	A	A	B	B	A	C	A	B
41	A	B	B	A	A	A	C	C
42	B	D	D	B	B	A	D	B
43	B	B	B	B	A	B	B	B
44	A	A	B	A	C	A	B	B
45	B	A	C	B	B	B	B	A
46	B	C	B	B	B	B	B	A
47	C	E	E	A	A	B	B	B
48	E	B	B	A	A	B	A	B
49	C	A	A	A	B	C	C	B
50	B	B	B	A	A	B	B	A
51	A	A	A	B	C	B	A	B
52	B	B	C	B	C	B	C	B
53	C	B	B	A	B	B	C	A
54	B	A	A	C	B	C	A	C
55	B	A	A	B	B	B	C	B
56	B	B	A	B	A	B	B	A
57	A	A	A	A	C	C	B	A
58	B	A	B	C	C	C	B	C
59	A	C	B	B	B	C	B	A
60	B	B	B	C	B	B	C	A

European Credit system for Vocational Education and Training

ECVET

Situazione/valutazione di partenza

01/05/2019

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Students	Communications in the mother tongue	Cultural awareness and expression	Mathematical competence and basic competences in science and technology	Digital competence	Artistic skills and Creativity	Social and civic competence	Sense of initiative and entrepreneurship	Communication in foreign languages
1	C	C	C	A	B	B	D	B
2	B	B	C	B	A	B	B	B
3	C	B	B	B	B	C	B	B
4	C	C	B	A	B	C	C	B
5	B	B	B	B	C	B	C	C
6	C	B	C	B	C	B	A	A
7	C	B	C	C	A	A	C	B
8	B	B	C	C	C	B	B	C
9	B	B	C	B	A	D	B	D
10	B	C	D	V	B	C	A	B
11	C	B	C	A	A	B	C	B
12	D	C	B	A	C	A	A	C
13	B	A	C	B	B	B	A	C
14	B	A	C	C	B	A	A	C
15	A	B	D	A	B	B	A	B
16	A	D	B	B	B	B	B	E
17	C	B	A	C	B	C	B	B
18	C	B	B	B	B	B	C	B
19	A	B	A	A	B	B	B	B
20	A	A	B	A	C	C	A	C
21	B	A	B	A	C	B	A	B
22	C	C	C	A	B	A	A	B
23	A	B	B	B	A	A	C	C
24	C	B	A	D	B	B	D	B
25	B	B	A	C	A	A	B	B
26	B	A	A	D	A	B	A	D
27	A	A	A	B	B	B	A	A
28	A	A	B	C	A	A	B	A
29	D	D	B	B	A	A	A	B
30	E	C	A	C	B	D	C	C
31	A	B	B	C	B	A	A	A
32	A	A	B	C	B	B	B	B
33	B	B	B	A	A	C	A	B
34	B	A	A	B	B	D	D	A
35	B	D	C	B	A	A	B	B
36	B	C	C	C	B	B	A	B
37	C	Z	B	B	A	B	B	B
38	C	A	B	A	A	B	B	C
39	B	A	A	A	A	B	B	B
40	A	A	B	B	A	C	A	B
41	A	B	B	A	A	A	B	C
42	B	D	C	B	B	A	D	B
43	B	B	B	B	A	B	B	B
44	A	A	B	A	C	A	B	B
45	B	A	C	B	B	B	B	A
46	B	C	B	B	B	B	B	A
47	C	D	D	A	A	B	B	B
48	C	B	B	A	A	B	A	B
49	C	A	A	A	B	C	C	B
50	B	B	B	A	A	B	B	A
51	A	A	A	B	C	B	A	B
52	B	B	C	B	C	B	C	B
53	C	B	B	A	B	B	C	A
54	B	A	A	C	B	C	A	C
55	B	A	A	B	B	B	B	B
56	B	B	A	B	A	B	B	A
57	A	A	A	A	C	C	B	A
58	B	A	B	C	C	C	B	C
59	A	C	B	B	B	C	B	A
60	B	B	B	C	B	B	C	A

01/12/2017

Communication in the mother tongue			Cultural awareness and expression			Mathematical competence and basic competences in science and technology			Digital competence		
A	12	20	A	16	26	A	12	20	A	11	18
B	18	30	B	22	36	B	21	35	B	18	30
C	15	25	C	11	18	C	13	21	C	21	35
D	9	15	D	8	13	D	7	11	D	8	13
E	6	10	E	3	5	E	7	11	E	2	3
		%			%			%			%

Artistic skills and Creativity			Social and civic competence			Sense of initiative and entrepreneurship			Communication in foreign languages		
A	12	20	A	11	18	A	11	18	A	11	18
B	15	25	B	25	41	B	18	30	B	23	38
C	18	30	C	15	25	C	20	33	C	21	35
D	10	16	D	7	11	D	10	16	D	2	3
E	5	8	E	2	3	E	1	1	E	3	5
		%			%			%			%

01/12/2018

Communication in the mother tongue			Cultural awareness and expression			Mathematical competence and basic competences in science and technology			Digital competence		
A	15	25	A	21	35	A	15	25	A	18	30
B	23	38	B	24	40	B	25	41	B	24	40
C	17	28	C	8	13	C	12	20	C	15	25
D	3	5	D	6	10	D	6	10	D	2	3
E	2	3	E	1	1	E	2	3	E	1	1
		%			%			%			%

Artistic skills and Creativity			Social and civic competence			Sense of initiative and entrepreneurship			Communication in foreign languages		
A	19	31	A	11	18	A	17	28	A	13	21
B	30	50	B	34	56	B	26	43	B	32	53
C	9	15	C	11	18	C	12	20	C	12	20
D	2	3	D	3	5	D	5	8	D	2	3
E	/		E	1	1	E	/		E	1	1
		%			%			%			%

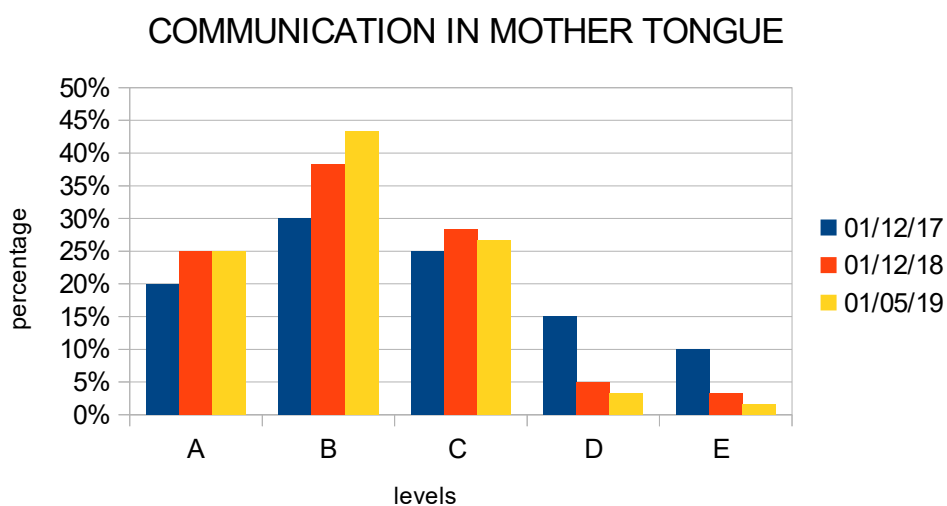
01/05/2019

Communication in the mother tongue			Cultural awareness and expression			Mathematical competence and basic competences in science and technology			Digital competence		
A	15	25	A	21	35	A	15	25	A	20	33
B	26	43	B	25	41	B	27	45	B	24	40
C	16	26	C	9	15	C	15	25	C	14	23
D	2	3	D	5	8	D	3	5	D	2	3
E	1	1	E	/		E	/		E	/	
		%			%			%			%

Artistic skills and Creativity			Social and civic competence			Sense of initiative and entrepreneurship			Communication in foreign languages		
A	22	36	A	12	20	A	19	31	A	13	21
B	27	45	B	33	55	B	26	43	B	32	53
C	11	18	C	12	20	C	11	18	C	12	20
D	/		D	3	5	D	4	6	D	2	3
E	/		E	/		E	/		E	1	1
		%			%			%			%

COMMUNICATION IN THE MOTHER TONGUE

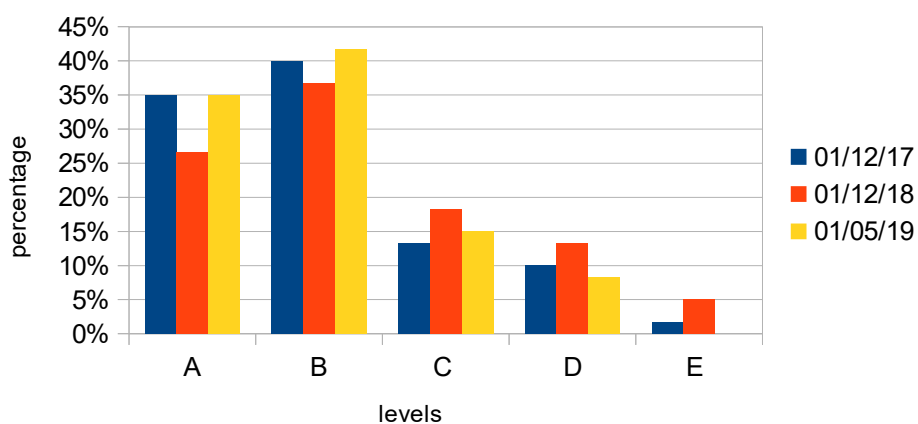
levels	01/12/17		01/12/18		01/05/19	
	frequency	percentage	frequency	percentage	frequency	percentage
A	12	20%	15	25%	15	25%
B	18	30%	23	38%	26	43%
C	15	25%	17	28%	16	27%
D	9	15%	3	5%	2	3%
E	6	10%	2	3%	1	2%



CULTURAL AWARENESS AND EXPRESSION

levels	01/12/17		01/12/18		01/05/19	
	frequency	percentage	frequency	percentage	frequency	percentage
A	21	35%	16	27%	21	35%
B	24	40%	22	37%	25	42%
C	8	13%	11	18%	9	15%
D	6	10%	8	13%	5	8%
E	1	2%	3	5%	0	0%

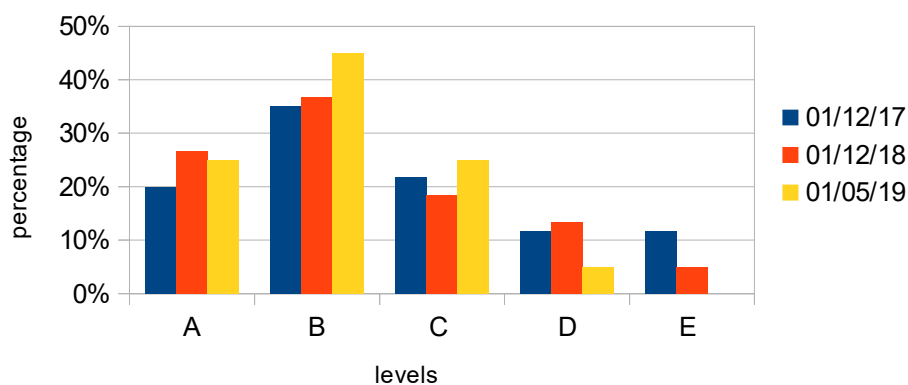
CULTURAL AWARENESS AND EXPRESSION



MATHEMATICAL COMPETENCE AND BASIC COMPETENCES IN SCIENCE AND TECHNOLOGY

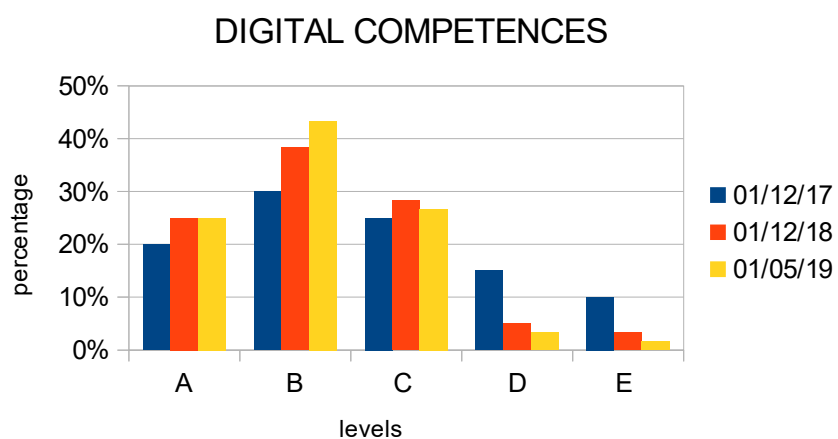
levels	01/12/17		01/12/18		01/05/19	
	frequency	percentage	frequency	percentage	frequency	percentage
A	12	20%	15	25%	15	25%
B	21	35%	25	42%	27	45%
C	13	22%	12	20%	15	25%
D	7	12%	6	10%	3	5%
E	7	12%	2	3%	0	0%

MATHEMATICAL COMPETENCE AND BASIC COMPETENCE IN SCIENCE AND TECHNOLOGY



DIGITAL COMPETENCES

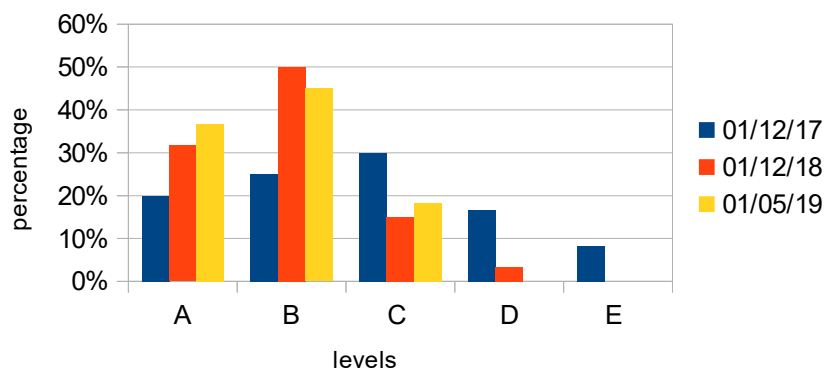
levels	01/12/17		01/12/18		01/05/19	
	frequency	percentage	frequency	percentage	frequency	percentage
A	12	20%	15	25%	15	25%
B	18	30%	23	38%	26	43%
C	15	25%	17	28%	16	27%
D	9	15%	3	5%	2	3%
E	6	10%	2	3%	1	2%



ARTISTIC SKILLS AND CREATIVITY

levels	01/12/17		01/12/18		01/05/19	
	frequency	percentage	frequency	percentage	frequency	percentage
A	12	20%	19	32%	22	37%
B	15	25%	30	50%	27	45%
C	18	30%	9	15%	11	18%
D	10	17%	2	3%		0%
E	5	8%		0%		0%

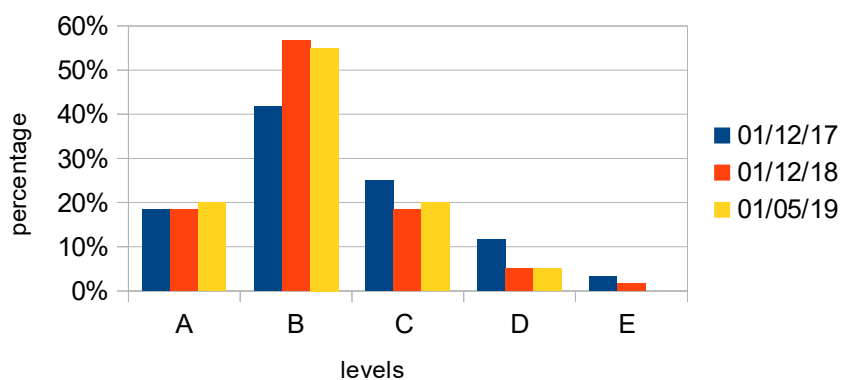
ARTISTIC SKILLS AND CREATIVITY



SOCIAL AND CIVIC COMPETENCE

levels	01/12/17		01/12/18		01/05/19	
	frequency	percentage	frequency	percentage	frequency	percentage
A	11	18%	11	18%	12	20%
B	25	42%	34	57%	33	55%
C	15	25%	11	18%	12	20%
D	7	12%	3	5%	3	5%
E	2	3%	1	2%		0%

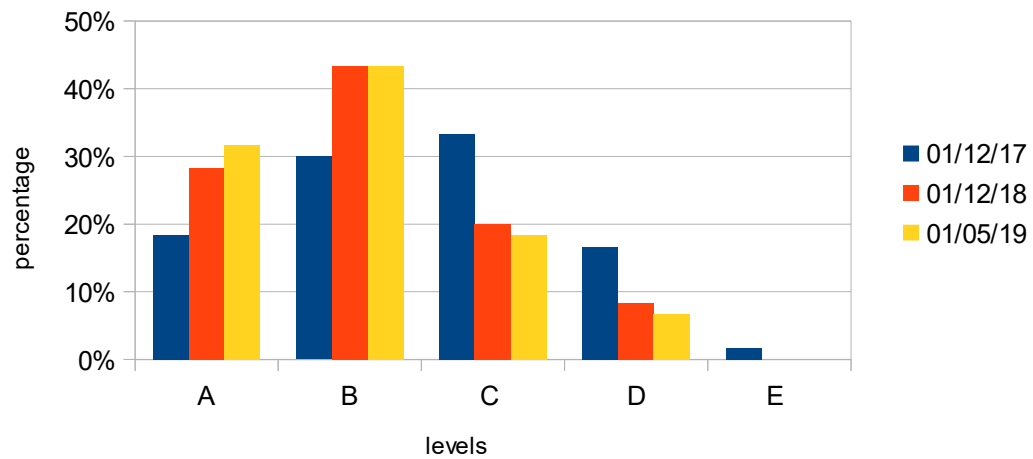
SOCIAL AND CIVIC COMPETENCE



SENSE OF INITIATIVE AND ENTREPRENEURSHIP

levels	01/12/17		01/12/18		01/05/19	
	frequency	percentage	frequency	percentage	frequency	percentage
A	11	18%	17	28%	19	32%
B	18	30%	26	43%	26	43%
C	20	33%	12	20%	11	18%
D	10	17%	5	8%	4	7%
E	1	2%		0%		0%

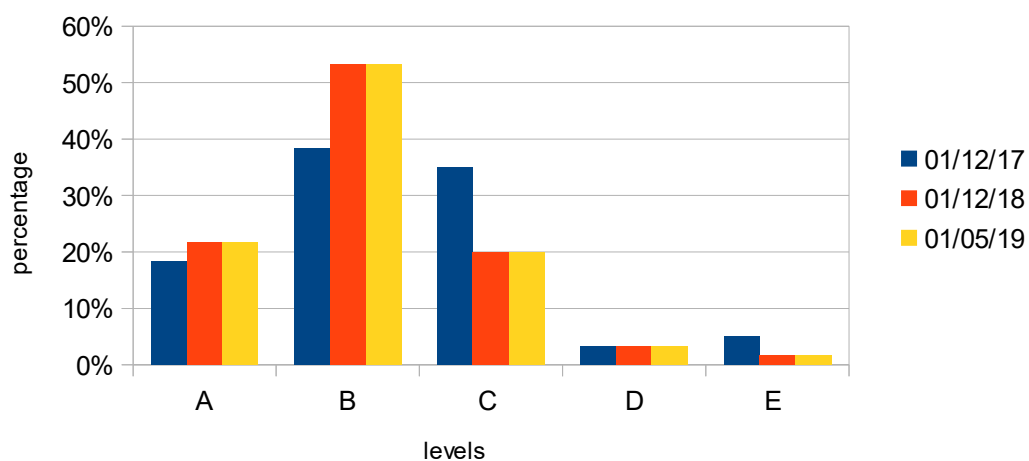
SENSE OF INITIATIVE AND ENTREPRENEURSHIP



COMMUNICATION IN FOREIGN LANGUAGES

levels	01/12/17		01/12/18		01/05/19	
	frequency	percentage	frequency	percentage	frequency	percentage
A	11	18%	13	22%	13	22%
B	23	38%	32	53%	32	53%
C	21	35%	12	20%	12	20%
D	2	3%	2	3%	2	3%
E	3	5%	1	2%	1	2%

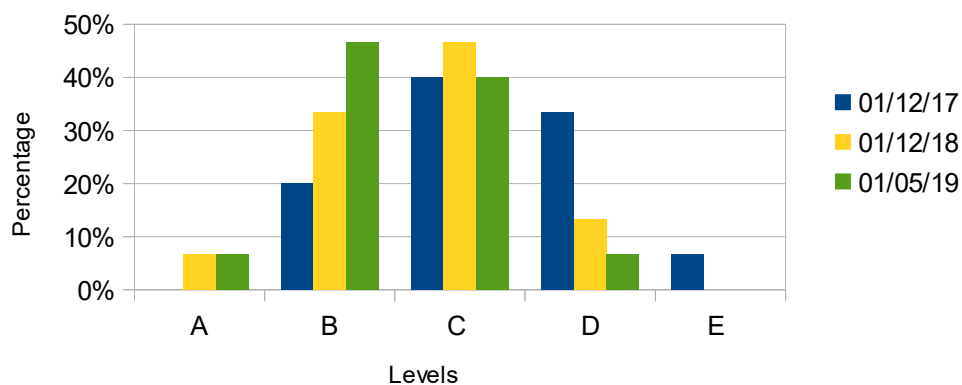
COMMUNICATION IN FOREIGN LANGUAGES



COMMUNICATION IN THE MOTHER TONGUE

levels	01/12/17		01/12/18		01/05/19	
	frequency	percentage	frequency	percentage	frequency	percentage
A		0%	1	7%	1	7%
B	3	20%	5	33%	7	47%
C	6	40%	7	47%	6	40%
D	5	33%	2	13%	1	7%
E	1	7%		0%		0%

COMMUNICATION IN THE MOTHER TONGUE students with some basic weaknesses

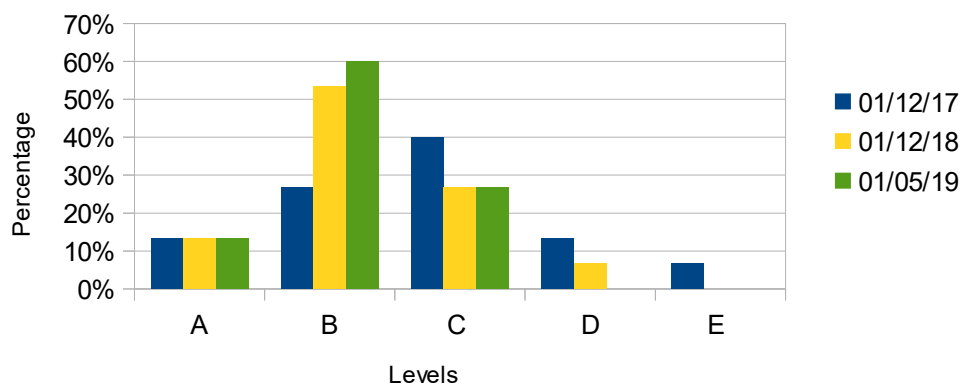


CULTURAL AWARENESS AND EXPRESSION

levels	01/12/17		01/12/18		01/05/19	
	frequency	percentage	frequency	percentage	frequency	percentage
A	2	13%	2	13%	2	13%
B	4	27%	8	53%	9	60%
C	6	40%	4	27%	4	27%
D	2	13%	1	7%		0%
E	1	7%		0%		0%

CULTURAL AWARENESS AND EXPRESSION

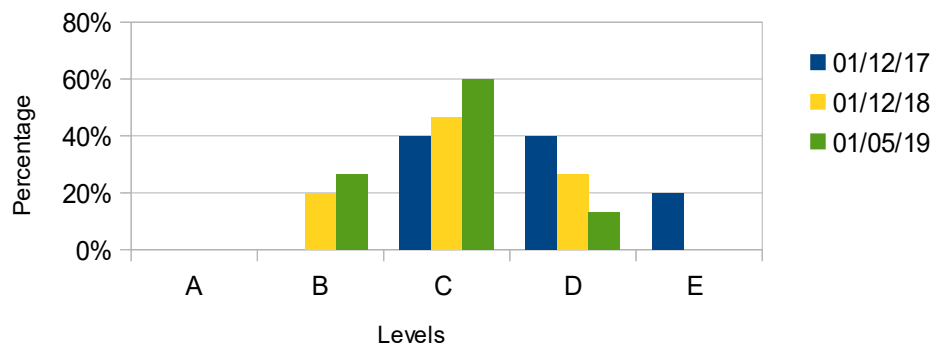
students with some basic weaknesses



MATHEMATICAL COMPETENCE AND BASIC COMPETENCES IN SCIENCE AND TECHNOLOGY

levels	01/12/17		01/12/18		01/05/19	
	frequency	percentage	frequency	percentage	frequency	percentage
A	0	0%	0	0%	0	0%
B	0	0%	3	20%	4	27%
C	6	40%	7	47%	9	60%
D	6	40%	4	27%	2	13%
E	3	20%	0	0%	0	0%

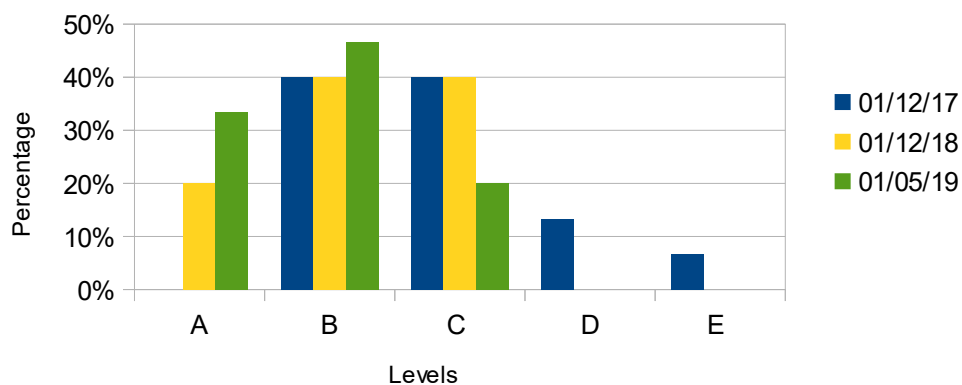
MATHEMATICAL COMPETENCE AND BASIC COMPETENCES IN SCIENCE AND TECHNOLOGY students with some basic weaknesses



DIGITAL COMPETENCES

levels	01/12/17		01/12/18		01/05/19	
	frequency	percentage	frequency	percentage	frequency	percentage
A	0	0%	3	20%	5	33%
B	6	40%	6	40%	7	47%
C	6	40%	6	40%	3	20%
D	2	13%	0	0%	0	0%
E	1	7%	0	0%	0	0%

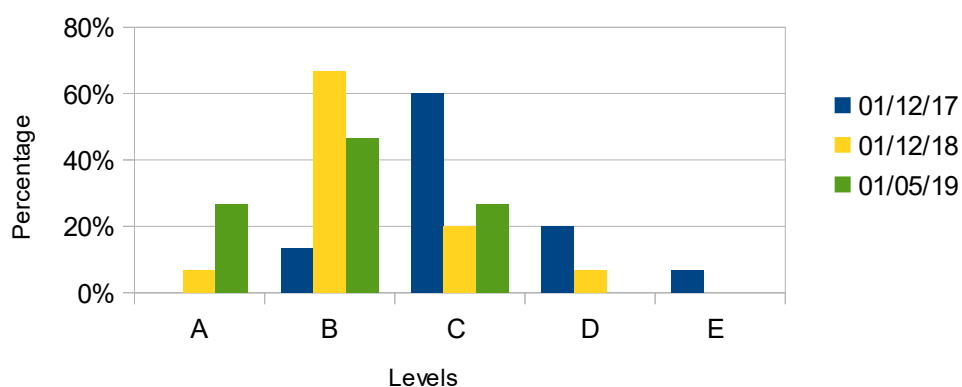
DIGITAL COMPETENCES students with some basic weaknesses



ARTISTIC SKILLS AND CREATIVITY

levels	01/12/17		01/12/18		01/05/19	
	frequency	percentage	frequency	percentage	frequency	percentage
A	0	0%	1	7%	4	27%
B	2	13%	10	67%	7	47%
C	9	60%	3	20%	4	27%
D	3	20%	1	7%	0	0%
E	1	7%	0	0%	0	0%

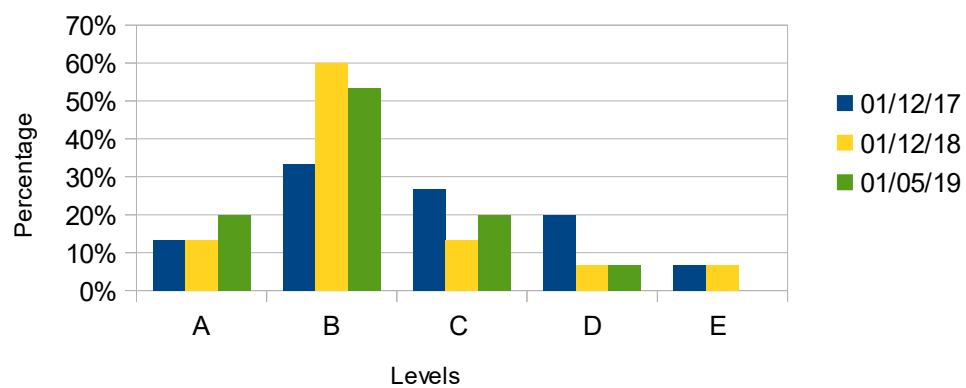
ARTISTIC SKILLS AND CREATIVITY students with some basic weaknesses



SOCIAL AND CIVIC COMPETENCE

levels	01/12/17		01/12/18		01/05/19	
	frequency	percentage	frequency	percentage	frequency	percentage
A	2	13%	2	13%	3	20%
B	5	33%	9	60%	8	53%
C	4	27%	2	13%	3	20%
D	3	20%	1	7%	1	7%
E	1	7%	1	7%	0	0%

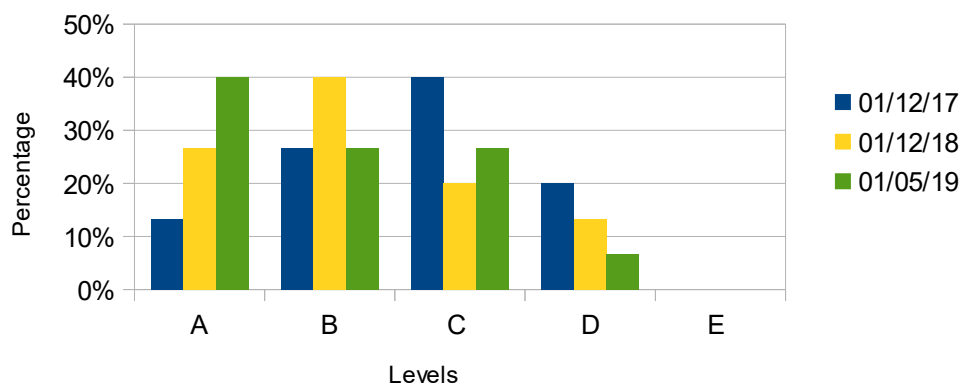
SOCIAL AND CIVIC COMPETENCE students with some basic weaknesses



SENSE OF INITIATIVE AND ENTREPRENEURSHIP

levels	01/12/17		01/12/18		01/05/19	
	frequency	percentage	frequency	percentage	frequency	percentage
A	2	13%	4	27%	6	40%
B	4	27%	6	40%	4	27%
C	6	40%	3	20%	4	27%
D	3	20%	2	13%	1	7%
E	0	0%	0	0%	0	0%

SENSE OF INITIATIVE AND ENTERPRENEURSHIP students with some basic weaknesses



COMMUNICATION IN FOREIGN LANGUAGES

levels	01/12/17		01/12/18		01/05/19	
	frequency	percentage	frequency	percentage	frequency	percentage
A	1	7%	1	7%	1	7%
B	5	33%	8	53%	8	53%
C	7	47%	5	33%	5	33%
D	2	13%	1	7%	1	7%
E	0	0%	0	0%	0	0%

COMMUNICATION IN FOREIGN LANGUAGES

students with some basic weaknesses

