



PROGRAMMING EXTRACT COURSE 2023-2024

DEPARTMENT OF PHYSICS AND
CHEMISTRY

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1 SUBJECT 1 : PHYSICS AND CHEMISTRY 2ND ESO

1.1 BASIC KNOWLEDGE AND TIMING

TIMING	PROGRAMMING UNITS	BASIC KNOWLEDGE
SEPTEMBER	Scientific method	DCB 1 DCB 2 DCB 3 DCB 4 DCB 5 DCB 6 DCB 7
OCTOBER	Density	DCB 1 DCB 2 DCB 3 DCB 4 DCB 5 DCB 6 DCB 7 M1 M2 C1
NOVEMBER	States of matter and their changes	DCB 1 DCB 2 DCB 3 DCB 4 DCB 5 DCB 6 DCB 7 M1 M2 M3 E1 C1
DECEMBER	Classification of matter	DCB 1 DCB 2 DCB 3 DCB 4 DCB 5 DCB 6 DCB 7 M1 M2 M3 C1
JANUARY	The atom	DCB 1 DCB 2 DCB 3 DCB 4 DCB 5 DCB 6 DCB 7 M3 C1
FEBRUARY	Elements and compounds	DCB 1 DCB 2 DCB 3 DCB 4 DCB 5 DCB 6 DCB 7 M1 M2 M3 C1
MARCH	Chemical reactions The movement	DCB 1 DCB 2 DCB 3 DCB 4 DCB 5 DCB 6 DCB 7 M1 M2 M3 C1 C2
APRIL	The movement The strengths	DCB 1 DCB 2 DCB 3 DCB 4 DCB 5 DCB 6 DCB 7 I1 E4 E5
MAY	The strengths	DCB 1 DCB 2 DCB 3 DCB 4 DCB 5 DCB 6 DCB 7 E4 E5
JUNE	Energy	DCB 1 DCB 2 DCB 3 DCB 4 DCB 5 DCB 6 DCB 7 E1 E2 E3

This timing is totally indicative and depends on the progress of the course, and can be adapted by the teacher.

1.2 PROMOTION CRITERIA

For the course to be approved, each and every one of the evaluations must be passed (obtain a grade equal to or greater than 5 in each of them)

If you do not pass an evaluation, a resit will be considered, and there will be another resit at the end of the course in which the student must take the pending evaluations (in the case of the third evaluation these two resits may coincide)

1.3 PROCEDURES AND ASSESSMENT TOOLS:

Controls, Kahoot , Notebook, Exam, Classroom work, Scientific challenge
Laboratory practice.

Exercises presented in the notes prepared by the teacher or in specific problem sheets for a certain topic or section.

Live worksheets, online simulators , online educational games .

To assess attendance, behavior, participation and class work, the following will be considered:

- Understanding and development of class activities.
- Interest, habit and participation in daily work.
- Precision, ease and rigor in the use of language. Synthesis capacity.
- Respect to the others. Care and respect for the material used in class.
- Punctuality and unjustified absences.
- Behavior, conservation of classroom material.
- Carrying out the assigned tasks: exercises, assignments, etc.
- The teacher may carry out written controls without prior notice on the contents worked on in a teaching unit, providing information on direct observation.

When calculating the grade for each evaluation, the following will be considered:

- Written tests: controls and exams
- Individual or group work
- Attendance, behavior, participation and classwork

	WRITTEN EVIDENCE: a)	CLASSROOM WORK: b), c)
2nd ESO	60%	40%

Common criteria for all Departments :

- The student who commits fraud during a test or scoring exercise will be graded with a grade of 0.
- In the event that doubts arise as to whether the student has copied or plagiarized, the teacher reserves the right to repeat the test or do an analogous one.
- Spelling mistakes: 0.1 is deducted for each one.

Criteria specific to the subject:

- Written tests
- Individual or group work
- Attendance, behavior, participation and classwork

Written tests: which we divide into exams and controls.

Correction criteria for tests or work carried out

Aspects that will be assessed when correcting the written tests (exams), reducing the grade of the test if it does not appear:

- The correct use of concepts, definitions and physical or chemical properties of the problem to be solved. Importance will be given to exhibitions with scientific rigor and precision in concepts.

- All answers must be justified and with clarity and coherence in the presentation.
- Unit changes must be made through the use of conversion factors that must be reflected in the resolution of the problem.
- Precision in calculations and notations.
- Non-trivial operations must appear, so that the student's logical argument and calculations can be reconstructed.
- The grade will take into account, positively or negatively, the presentation, clarity, order, and expression of the test, and may penalize up to 10% of the value of the test for these concepts.
- The misuse or absence of the correct units can account for up to 50% of the grade for the corresponding exercise.
- In the written Chemistry tests, an incorrect formulation implies the cancellation of the corresponding exercise.
- In the event that a student is caught cheating while taking an exam, this exam will be graded with a zero.

At least two written tests per evaluation (exams) will be carried out , provided that no exceptional circumstances arise. The last of them may have a global nature, leaving this to the teacher's decision.

, **the assessment of each question and its** impact on the grade will be made explicit. Otherwise, all questions are weighted with the same value.

These written tests will not only deal with the topics recently studied, but **may also refer to the essentials of the subject already evaluated previously** .

controls may be carried out , which consist of asking the subject the day before and which do not have to be notified in advance. These checks can be done any day, and there does not have to be a specific number throughout the evaluation. As it is of shorter duration and deals with a minor subject, its weight when calculating the evaluation grade will also be less.

In individual or group work, the following will be taken into account:

- Presentation, expression, spelling mistakes, use of concepts and originality.
- Scientific rigor and precision in concepts.
- How they perform their oral presentation and respond to the questions asked about the topic presented.
- These works must be delivered in a timely manner. Failure to do so will result in the evaluation being considered suspended.

Attendance, behavior, participation and classwork

The student's daily work in class and at home will be valued as an essential element for the correct learning of the subject through direct observation.

Class assignments, homework assignments, and the student's questions and interventions in the classroom will be valued as an essential element for the correct learning of the subject through direct observation, not following a specific system. The influence of these actions intervenes as grades that determine, together with the grades of the written tests, the overall grade.

Calculation of the grade for each evaluation:

In each evaluation, a percentage will be given to each of the written tests carried out (controls or exams), which will make up the part of the grade referred to as WRITTEN TESTS. In addition, classroom work will be taken into account, which will be evaluated through direct observation of the teacher, classroom activities, laboratory reports and assignments, presentations, notebook... which will make up the part of the grade referred to as WORK. CLASSROOM.

Scientific challenge: every month a scientific challenge is posed in the scientific corner that is advertised in the center and through the classroom. The first or, in exceptional cases, the first two students in each class, who solve the challenge with correct reasoning, will be added half a point to the final evaluation grade.

Retakes:

A retake is planned for each evaluation, on a date decided by the teacher and announced in advance. In this test, the student with the failed evaluation will be asked about the subject taught throughout it and the exercises will be of the type of those proposed both in the exams and in the controls developed throughout it.

In the event that an evaluation is suspended without having submitted a work in a timely manner, the condition for retake is the delivery of said work in conditions of being graded with a minimum of 5 out of 10.

At the end of the course, another retake is carried out in which the student takes the failed evaluations. In the particular case of the third evaluation, it may be the case that the retake of the third evaluation itself coincides with the final retake.

The subject is approved when the three evaluations are approved.

An evaluation is approved when you have a score of 5, or higher, on it.

Loss of the right to Continuous Evaluation

A number of absences greater than 15% of the total teaching load of a subject may result in the loss of the application of continuous evaluation in that subject.

Students to whom continuous evaluation is not applied will have the right to an extraordinary evaluation system that will consist of taking, at the end of the course, tests that include the entire course programming.

The teaching staff of each subject, after informing the tutor and the head of studies, will notify in writing the students who respectively accumulate 5% and 10% of

unjustified absences about their situation, warning them of the possible consequences. Upon reaching 15%, the head of studies, after notification from the teacher of the subject in question, will communicate the loss of continuous evaluation.

In the event that a student cannot attend an exam: If the cause is justified, the exam will be repeated on the day and time set by the teacher, which may be the first school day in which the student attends the exam. center. If it is an unjustified absence, it will count as a grade of 0 when making the corresponding average.

2 SUBJECT 2 : PHYSICS AND CHEMISTRY 3RD ESO

2.1 BASIC KNOWLEDGE AND TIMING

TIMING	PROGRAMMING UNITS	BASIC KNOWLEDGE
SEPTEMBER	Scientific method	DCB 1 DCB 2 DCB 3 DCB 4 DCB 5
OCTOBER	Properties of matter	DCB 1 DCB 2 DCB 3 DCB 4 DCB E1
NOVEMBER	The atom	DCB 1 DCB 2 DCB 3 DCB 4 DCB 5 M1
DECEMBER JANUARY	Elements and compounds, the link.	DCB 1 DCB 2 DCB 3 DCB 4 DCB 5 M1 M2 M3
JANUARY FEBRUARY	chemical reactions	DCB 1 DCB 2 DCB 3 DCB 4 DCB 5 M1 M2 M3 C1 C2 C3
FEBRUARY MARCH	Movement and forces	DCB 1 DCB 2 DCB 3 DCB 4 DCB 5 I1
APRIL MAY	Electricity	DCB 1 DCB 2 DCB 3 DCB 4 DCB 5 I2
MAY JUNE	Energy	DCB 1 DCB 2 DCB 3 DCB 4 DCB E1 E2

This timing is totally indicative and depends on the progress of the course, and can be adapted by the teacher.

2.2 PROMOTION CRITERIA

FOR the course to be approved, each and every one of the evaluations must be passed (obtain a grade equal to or greater than 5 in each of them).

If you do not pass an evaluation, a resit will be considered, and there will be another resit at the end of the course in which the student must take the pending evaluations (in the case of the third evaluation these two resits may coincide)

2.3 PROCEDURES AND ASSESSMENT TOOLS

Controls, Kahoot , Notebook, Exam, Classroom work, Scientific challenge
Laboratory practice.

Exercises presented in the notes prepared by the teacher or in specific problem sheets for a certain topic or section.

Live worksheets, online simulators , online educational games .

To assess attendance, behavior, participation and class work, the following will be taken into account:

- Understanding and development of class activities.
- Interest, habit and participation in daily work.
- Precision, ease and rigor in the use of language. Synthesis capacity.
- Respect to the others. Care and respect for the material used in class.
- Punctuality and unjustified absences.

- Behavior, conservation of classroom material.
- Carrying out the assigned tasks: exercises, assignments, etc.
- The teacher may carry out written controls without prior notice on the contents worked on in a teaching unit, providing information on direct observation.

When calculating the grade for each evaluation, the following will be considered:

- Written tests: controls and exams
- Individual or group work
- Attendance, behavior, participation and classwork

	WRITTEN EVIDENCE: a)	CLASSROOM WORK: b), c)
3rd ESO	70%	30%

Common criteria for all Departments :

- The student who commits fraud during a test or scoring exercise will be graded with a grade of 0.
- In the event that doubts arise as to whether the student has copied or plagiarized, the teacher reserves the right to repeat the test or do an analogous one.
- Spelling mistakes: 0.1 is deducted for each one.

Criteria specific to the subject:

- Written tests
- Individual or group work
- Attendance, behavior, participation and classwork

Written tests: which we divide into exams and controls.

Correction criteria for tests or work carried out

Aspects that will be assessed when correcting the written tests (exams), reducing the grade of the test if it does not appear:

- The correct use of concepts, definitions and physical or chemical properties of the problem to be solved. Importance will be given to exhibitions with scientific rigor and precision in concepts.
- All answers must be justified and with clarity and coherence in the presentation.
- Unit changes must be made through the use of conversion factors that must be reflected in the resolution of the problem.
- Precision in calculations and notations.
- Non-trivial operations must appear, so that the student's logical argument and calculations can be reconstructed.
- The grade will take into account, positively or negatively, the presentation, clarity, order, and expression of the test, and may penalize up to 10% of the value of the test for these concepts.

- The misuse or absence of the correct units can account for up to 50% of the grade for the corresponding exercise.
- In the written Chemistry tests, an incorrect formulation implies the cancellation of the corresponding exercise.
- In the event that a student is caught cheating while taking an exam, this exam will be graded with a zero.

At least two written tests per evaluation (exams) will be carried out , provided that no exceptional circumstances arise. The last of them may have a global nature, leaving this to the teacher's decision.

, **the assessment of each question and its** impact on the grade will be made explicit. Otherwise, all questions are weighted with the same value.

These written tests will not only deal with the topics recently studied, but **may also refer to the essentials of the subject already evaluated previously** .

controls may be carried out , which consist of asking the subject the day before and which do not have to be notified in advance. These checks can be done any day, and there does not have to be a specific number throughout the evaluation. As it is of shorter duration and deals with a minor subject, its weight when calculating the evaluation grade will also be less.

In individual or group work, the following will be taken into account:

- Presentation, expression, spelling mistakes, use of concepts and originality.
- Scientific rigor and precision in concepts.
- How they perform their oral presentation and respond to the questions asked about the topic presented.
- These works must be delivered in a timely manner. Failure to do so will result in the evaluation being considered suspended.

Attendance, behavior, participation and classwork

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Calculation of the grade for each evaluation:

In each evaluation, a percentage will be given to each of the written tests carried out (controls or exams), which will make up the part of the grade referred to as WRITTEN TESTS. In addition, classroom work will be taken into account, which will be evaluated

through direct observation of the teacher, classroom activities, laboratory reports and assignments, presentations, notebook... which will make up the part of the grade referred to as WORK. CLASSROOM.

Scientific challenge: every month a scientific challenge is posed in the scientific corner that is advertised in the center and through the classroom . The first or, in exceptional cases, the first two students in each class, who solve the challenge with correct reasoning, will be added half a point to the final evaluation grade.

Retakes:

A retake is planned for each evaluation, on a date decided by the teacher and announced in advance. In this test, the student with the failed evaluation will be asked about the subject taught throughout it and the exercises will be of the type of those proposed both in the exams and in the controls developed throughout it.

In the event that an evaluation is suspended without having submitted a work in a timely manner, the condition for retake is the delivery of said work in conditions of being graded with a minimum of 5 out of 10.

At the end of the course, another retake is carried out in which the student takes the failed evaluations. In the particular case of the third evaluation, it may be the case that the retake of the third evaluation itself coincides with the final retake.

The subject is approved when the three evaluations are approved.

An evaluation is approved when you have a score of 5, or higher, on it.

Loss of the right to Continuous Evaluation

A number of absences greater than 15% of the total teaching load of a subject may result in the loss of the application of continuous evaluation in that subject.

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In the event that a student cannot attend an exam: If the cause is justified, the exam will be repeated on the day and time set by the teacher, which may be the first school day in which the student attends the exam. center. If it is an unjustified absence, it will count as a grade of 0 when making the corresponding average.

3 SUBJECT 3 PHYSICS AND CHEMISTRY 4 ESO

3.1 BASIC KNOWLEDGE AND TIMING

TIMING	PROGRAMMING UNITS	BASIC KNOWLEDGE
SEPTEMBER OCTOBER	The atom	DCB1 DCB2 DCB3 DCB4 DCB5 DCB6 M2 M3 M5
OCTOBER NOVEMBER	Chemical bond	DCB1 DCB2 DCB3 DCB4 DCB5 DCB6 M2 M3 M5
NOVEMBER- DECEMBER- JANUARY	Chemical reactions	DCB1 DCB2 DCB3 DCB4 DCB5 DCB6 M2 M3 M4 M5 C1 C2
JANUARY FEBRUARY	organic chemistry	DCB 1 DCB 2 DCB 3 DCB 4 DCB 5 M6
MARCH	Kinematics	DCB1 DCB2 DCB3 DCB4 DCB5 DCB6 I1
APRIL MAY	Dynamic	DCB1 DCB2 DCB3 DCB4 DCB5 DCB6 I2 I3 I4 I5 I6 I7
MAY JUNE	Work and energy	DCB1 DCB2 DCB3 DCB4 DCB5 DCB6 I1 E1 E2 E3

This timing is totally indicative and depends on the progress of the course, and can be adapted by the teacher.

3.2 PROMOTION CRITERIA

For the course to be approved, each and every one of the evaluations must be passed (obtain a grade equal to or greater than 5 in each of them)

If you do not pass an evaluation, a resit will be considered, and there will be another resit at the end of the course in which the student must take the pending evaluations (in the case of the third evaluation these two resits may coincide)

3.3 PROCEDURES AND ASSESSMENT TOOLS

Controls, Kahoot , Notebook, Exam, Classroom work, Scientific challenge
Laboratory practice.

Exercises presented in the notes prepared by the teacher or in specific problem sheets for a certain topic or section.

Live worksheets , online simulators , online educational games .

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- Precision, ease and rigor in the use of language. Synthesis capacity.
- Respect to the others. Care and respect for the material used in class.
- Punctuality and unjustified absences. Behavior, conservation of material.
- Carrying out the assigned tasks: exercises, assignments, etc.
- The teacher may carry out written controls without prior notice on the contents worked on in a teaching unit.

When calculating the grade for each evaluation, the following will be consider:

- Written tests: controls and exams
- Individual or group work
- Attendance, behavior, participation and classwork

	WRITTEN EVIDENCE: a)	CLASSROOM WORK: b), c)
4th ESO	80%	twenty %

Common criteria for all Departments :

- The student who commits fraud during a test or scoring exercise will be graded with a grade of 0.
- In the event that doubts arise as to whether the student has copied or plagiarized, the teacher reserves the right to repeat the test or do an analogous one.
- Spelling mistakes: 0.1 is deducted for each one.

Criteria specific to the subject:

- Written tests
- Individual or group work
- Attendance, behavior, participation and classwork

Written tests: which we divide into exams and controls.

Correction criteria for tests or work carried out

Aspects that will be assessed when correcting the written tests (exams), reducing the grade of the test if it does not appear:

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- Unit changes must be made through the use of conversion factors that must be reflected in the resolution of the problem.
- Precision in calculations and notations.
- Non-trivial operations must appear, so that the student's logical argument and calculations can be reconstructed.
- The grade will take into account, positively or negatively, the presentation, clarity, order, and expression of the test, and may penalize up to 10% of the value of the test for these concepts.

- The misuse or absence of the correct units can account for up to 50% of the grade for the corresponding exercise.
- In the written Chemistry tests, an incorrect formulation implies the cancellation of the corresponding exercise.
- In the event that a student is caught cheating while taking an exam, that exam will be graded with a zero.

At least two written tests per evaluation (exams) will be carried out , provided that no exceptional circumstances arise. The last of them may have a global nature, leaving this to the teacher's decision.

, **the assessment of each question and its** impact on the grade will be made explicit. Otherwise, all questions are weighted with the same value.

These written tests will not only deal with the topics recently studied, but **may also refer to the essentials of the subject already evaluated previously** .

controls may be carried out , which consist of asking the subject the day before and which do not have to be notified in advance. These checks can be done any day, and there does not have to be a specific number throughout the evaluation. As it is of shorter duration and deals with a minor subject, its weight when calculating the evaluation grade will also be less.

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- Presentation, expression, spelling mistakes, use of concepts, originality.
- Scientific rigor and precision in concepts.
- How they perform their oral presentation and respond to the questions asked about the topic presented.
- These works must be delivered in a timely manner. Failure to do so will result in the evaluation being considered suspended.

Attendance, behavior, participation and classwork

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Calculation of the grade for each evaluation:

In each evaluation, a percentage will be given to each of the written tests carried out (controls or exams), which will make up the part of the grade referred to as WRITTEN TESTS. In addition, classroom work will be taken into account, which will be evaluated through direct observation of the teacher, classroom activities, laboratory reports and

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Scientific challenge: every month a scientific challenge is posed in the scientific corner that is advertised in the center and through the classroom . The first or, in exceptional cases, the first two students in each class, who solve the challenge with correct reasoning, will be added half a point to the final evaluation grade.

Retakes:

A retake is planned for each evaluation, on a date decided by the teacher and announced in advance. In this test, the student with the failed evaluation will be asked about the subject taught throughout it and the exercises will be of the type of those proposed both in the exams and in the controls developed throughout it.

In the event that an evaluation is suspended without having delivered a work in a timely manner, the condition for retake is the delivery of said work in conditions of being graded with a minimum of 5 out of 10.

At the end of the course, another one is carried out in which the student takes the failed evaluations. In the particular case of the third evaluation, it may be the case that the retake of the third evaluation itself coincides with the final retake.

The subject is approved when the three evaluations are approved.

An evaluation is approved when you have a score of 5, or higher, on it.

Loss of the right to Continuous Evaluation

A number of absences greater than 15% of the total teaching load of a subject may result in the loss of the application of continuous evaluation in that subject.

Students to whom continuous evaluation is not applied will have the right to an extraordinary evaluation system that will consist of taking, at the end of the course, tests that include the entire course programming.

The teaching staff of each subject, after informing the tutor and the head of studies, will notify in writing the students who accumulate 5% and 10% of unjustified absences respectively about their situation, warning them of the possible consequences. Upon reaching 15%, the head of studies, after notification from the teacher of the subject in question, will communicate the loss of continuous evaluation.

In the event that a student cannot attend an exam: If the cause is justified, the exam will be repeated on the day and time set by the teacher, which may be the first school day in which the student attends the center. If it is an unjustified absence, it will count as a grade of 0 when making the corresponding average.

4 SUBJECT 4 PHYSICS AND CHEMISTRY 1 BTO

4.1 BASIC KNOWLEDGE AND TIMING

TIMING	PROGRAMMING UNITS	BASIC KNOWLEDGE
SEPTEMBER	The atom	DCB1 DCB2 DCB3 DCB4 DCB5 DCB6 M2 M3 M5
OCTOBER	Periodic table	DCB1 DCB2 DCB3 DCB4 DCB5 DCB6 M2 M3 M5
OCTOBER NOVEMBER	Chemical bond	DCB1 DCB2 DCB3 DCB4 DCB5 DCB6 M2 M3 M4 M5 C1 C2
DECEMBER	Chemical reactions	
JANUARY	organic chemistry	DCB 1 DCB 2 DCB 3 DCB 4 DCB 5 M6
FEBRUARY MARCH	Kinematics	DCB1 DCB2 DCB3 DCB4 DCB5 DCB6 I1
APRIL MAY	Dynamic	DCB1 DCB2 DCB3 DCB4 DCB5 DCB6 I2 I3 I4 I5 I6 I7
JUNE	Work and energy	DCB1 DCB2 DCB3 DCB4 DCB5 DCB6 I1 E1 E2 E3

This timing is totally indicative and depends on the progress of the course, and can be adapted by the teacher.

4.2 PROMOTION CRITERIA

For the course to be approved, each and every one of the evaluations must be passed (obtain a grade equal to or greater than 5 in each of them)

If you do not pass an evaluation, a resit will be considered, and there will be another resit at the end of the course in which the student must take the pending evaluations (in the case of the third evaluation these two resits may coincide)

4.3 PROCEDURES AND ASSESSMENT TOOLS

Controls, Kahoot , Notebook, Exam, Classroom work, Scientific challenge
Laboratory practice.

Exercises presented in the notes prepared by the teacher or in specific problem sheets for a certain topic or section.

Live worksheets, Online simulators , Games online didactics .

To assess attendance, behavior, participation and class work, the following will be taken into account:

- Understanding and development of class activities.
- Interest, habit and participation in daily work.

- Precision, ease and rigor in the use of language.
- Synthesis capacity.
- Respect to the others.
- Care and respect for the material used in class.
- Punctuality and unjustified absences.
- Behavior, conservation of classroom material.
- Carrying out the assigned tasks: exercises, assignments, etc.
- The teacher may carry out written controls without prior notice on the contents worked on in a teaching unit, providing information on direct observation.

When calculating the grade for each evaluation, the following will be taken into account:

- a) Written tests: controls and exams
- b) Individual or group work
- c) Attendance, behavior, participation and classwork

	WRITTEN EVIDENCE: a)	CLASSROOM WORK: b), c)
1st BTO	90%	10%

Common criteria for all Departments :

- The student who commits fraud during a test or scoring exercise will be graded with a grade of 0.
- In the event that doubts arise as to whether the student has copied or plagiarized, the teacher reserves the right to repeat the test or do an analogous one.
- Spelling mistakes: 0.1 is deducted for each one.

Criteria specific to the subject:

- Written tests
- Individual or group work
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Written tests: which we divide into exams and controls.

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- All answers must be justified and with clarity and coherence in the presentation.
- Unit changes must be made through the use of conversion factors that must be reflected in the resolution of the problem.
- Precision in calculations and notations.

- Non-trivial operations must appear, so that the student's logical argument and calculations can be reconstructed.
- The grade will take into account, positively or negatively, the presentation, clarity, order, and expression of the test, and may penalize up to 10% of the value of the test for these concepts.
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, **the assessment of each question and its** impact on the grade will be made explicit. Otherwise, all questions are weighted with the same value.

These written tests will not only deal with the topics recently studied, but **may also refer to the essentials of the subject already evaluated previously** .

controls may be carried out, which consist of asking the subject the day before and which do not have to be notified in advance. These checks can be done any day, and there does not have to be a specific number throughout the evaluation. As it is of shorter duration and deals with a minor subject, its weight when calculating the evaluation grade will also be less.

In individual or group work, the following will be taken into account:

- Presentation, expression, spelling mistakes, use of concepts and originality.
- Scientific rigor and precision in concepts.
- How they perform their oral presentation and respond to the questions asked about the topic presented.
- These works must be delivered in a timely manner. Failure to do so will result in the evaluation being considered suspended.

Attendance, behavior, participation and classwork

The student's daily work in class and at home will be valued as an essential element for the correct learning of the subject through direct observation.

Class assignments, homework assignments, and the student's questions and interventions in the classroom will be valued as an essential element for the correct learning of the subject through direct observation, not following a specific system. The influence of these actions intervenes as grades that determine, together with the grades of the written tests, the overall grade.

Calculation of the grade for each evaluation:

In each evaluation, a percentage will be given to each of the written tests carried out (controls or exams), which will make up the part of the grade referred to as WRITTEN TESTS. In addition, classroom work will be taken into account, which will be evaluated through direct observation of the teacher, classroom activities, laboratory reports and assignments, presentations, notebook... which will make up the part of the grade referred to as WORK. CLASSROOM.

Scientific challenge: every month a scientific challenge is posed in the scientific corner that is advertised in the center and through the classroom. The first or, in exceptional cases, the first two students in each class, who solve the challenge with correct reasoning, will be added half a point to the final evaluation grade.

Retakes:

A retake is planned for each evaluation, on a date decided by the teacher and announced in advance. In this test, the student with the failed evaluation will be asked about the subject taught throughout it and the exercises will be of the type of those proposed both in the exams and in the controls developed throughout it.

In the event that an evaluation is suspended without having delivered a work in a timely manner, the condition for retake is the delivery of said work in conditions of being graded with a minimum of 5 out of 10.

At the end of the course, another retake is carried out in which the student takes the failed evaluations. In the particular case of the third evaluation, it may be the case that the retake of the third evaluation itself coincides with the final retake.

The subject is approved when the three evaluations are approved.

An evaluation is approved when you have a score of 5, or higher, on it.

Loss of the right to Continuous Evaluation

A number of absences greater than 15% of the total teaching load of a subject may result in the loss of the application of continuous evaluation in that subject.

Students to whom continuous evaluation is not applied will have the right to an extraordinary evaluation system that will consist of taking, at the end of the course, tests that include the entire course programming.

The teaching staff of each subject, after informing the tutor and the head of studies, will notify in writing the students who respectively accumulate 5% and 10% of unjustified absences about their situation, warning them of the possible consequences. Upon reaching 15%, the head of studies, after notification from the teacher of the subject in question, will communicate the loss of continuous evaluation.

In the event that a student cannot attend an exam:

If the cause is justified, the exam will be repeated on the day and time set by the teacher, which may be the first school day in which the student attends the center. If it is an unjustified absence, it will count as a grade of 0 when making the corresponding average.

Honorable mentions in Baccalaureate: In accordance with the provisions of current regulations, at the end of each course honorable mention (ME) may be awarded to students who have obtained a grade equal to or greater than 9 in the final evaluation and, in addition, have shown particularly notable interest. It will be decided by the teaching staff of the subject. For its granting, taking into account that the number of mentions for each subject may not exceed one for every five students or a fraction greater than two of the enrolled students, aspects such as:

- Final grade obtained by the students.
- Grades obtained in the different evaluations.
- Average of the grades obtained in the different evaluation instruments throughout the course.
- Notable interest in the development of some projects or activities that are considered relevant.

5 SUBJECT 5 CHEMISTRY 2ND BTO

5.1 BASIC KNOWLEDGE AND TIMING

TIMING	PROGRAMMING UNITS	BASIC KNOWLEDGE
SEPTEMBER	Review previous concepts	
SEPTEMBER OCTOBER	The atom	AQEM1 EQEM2 PCEA1 PCEA2
OCTOBER	Periodic table	SP1 SP2 SP3 SP4
OCTOBER NOVEMBER	Chemical bond	SP5 SP6 SP7 SP8 SP9 SP10
NOVEMBER	Chemical kinetics	RQ7 RQ8 RQ9
DECEMBER JANUARY	Chemical balance	RQ10 RQ11
JANUARY FEBRUARY	acid - base	RQ11 RQ12 RQ13 RQ14 RQ15 RQ16 RQ17
MARCH	Redox	RQ18 RQ19 RQ20 RQ21 RQ22 RQ23
APRIL	Organic	QO1 QO2 QO3 QO4 QO5 QO6 QO7 QO8 QO9

This timing is totally indicative and depends on the progress of the course, and can be adapted by the teacher.

5.2 PROMOTION CRITERIA

For the course to be approved, each and every one of the evaluations must be passed (obtain a grade equal to or greater than 5 in each of them)

If you do not pass an evaluation, a resit will be considered, and there will be another resit at the end of the course in which the student must take the pending evaluations (in the case of the third evaluation these two resits may coincide)

5.3 PROCEDURES AND ASSESSMENT TOOLS

Controls, Kahoot , Notebook, Exam, Classroom work, Scientific challenge
Laboratory practice.

Exercises presented in the notes prepared by the teacher or in specific problem sheets for a certain topic or section.

Live worksheets, online simulators , online educational games .

To assess attendance, behavior, participation and class work, the following will be taken into account:

- Understanding and development of class activities.
- Interest, habit and participation in daily work.
- Precision, ease and rigor in the use of language.
- Synthesis capacity.
- Respect to the others.
- Care and respect for the material used in class.
- Punctuality and unjustified absences.
- Behavior, conservation of classroom material.
- Carrying out the assigned tasks: exercises, assignments, etc.
- The teacher may carry out written controls without prior notice on the contents worked on in a teaching unit, providing information on direct observation.

When calculating the grade for each evaluation, the following will be consider:

- a) Written tests: controls and exams
- b) Individual or group work
- c) Attendance, behavior, participation and classwork

	WRITTEN EVIDENCE: a)	CLASSROOM WORK: b), c)
2nd BTO	100%	0%

Common criteria for all Departments :

- The student who commits fraud during a test or scoring exercise will be graded with a grade of 0.
- In the event that doubts arise as to whether the student has copied or plagiarized, the teacher reserves the right to repeat the test or do an analogous one.
- Spelling mistakes: 0.1 is deducted for each one.

Criteria specific to the subject:

- Written tests
- Individual or group work
- Attendance, behavior, participation and classwork

Written tests : which we divide into exams and controls.

Correction criteria for tests or work carried out

Aspects that will be assessed when correcting the written tests (exams), reducing the grade of the test if it does not appear:

- The correct use of concepts, definitions and physical or chemical properties of the problem to be solved. Importance will be given to exhibitions with scientific rigor and precision in concepts.
- All answers must be justified and with clarity and coherence in the presentation.

- Unit changes must be made through the use of conversion factors that must be reflected in the resolution of the problem.
- Precision in calculations and notations.
- Non-trivial operations must appear, so that the student's logical argument and calculations can be reconstructed.
- The grade will take into account, positively or negatively, the presentation, clarity, order, and expression of the test, and may penalize up to 10% of the value of the test for these concepts.
- The misuse or absence of the correct units can account for up to 50% of the grade for the corresponding exercise.
- In the written Chemistry tests, an incorrect formulation implies the cancellation of the corresponding exercise.
- In the event that a student is caught cheating while taking an exam, that exam will be graded with a zero.

At least two written tests per evaluation (exams) will be carried out , provided that no exceptional circumstances arise. The last of them may have a global nature, leaving this to the teacher's decision.

, **the assessment of each question and its** impact on the grade will be made explicit. Otherwise, all questions are weighted with the same value.

These written tests will not only deal with the topics recently studied, but **may also refer to the essentials of the subject already evaluated previously** .

controls may be carried out , which consist of asking the subject the day before and which do not have to be notified in advance. These checks can be done any day, and there does not have to be a specific number throughout the evaluation. As it is of shorter duration and deals with a minor subject, its weight when calculating the evaluation grade will also be less.

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