

Chemistry ... What a Pizza!!!

Suggested Assessment

Referring to the assessment of the students, the following tables have been adopted for all stages of the project.

Lesson 1 - 2

At the end of lesson 1-2 the students will have to:

- draw a concept map with the ingredients and the preparation process

	Level 1	Level 2	Level 3	Level 4	Level 5
Participation	Insufficient	Barely sufficient	Sufficient	Good	Very good
Mark/grade given	3-4	5	6	8	9-10

Lesson 3

At the end of this lesson the students will have to:

- identify the basic ingredients (reagents);
- identify the reaction products;
- plan laboratory experiments to determine the CO₂ and alcohol that occur;
- plan laboratory experiments to assess how the result changes if the reagents or the working conditions change.

Stage 3: behavior of the group

	Level 1	Level 2	Level 3	Level 4	Level 5
Involvement	No involvement	Barely sufficient	Sufficient	Good	Very good
Productivity	No productivity	Barely sufficient	Sufficient	Good	Very good

Lesson 4 - 5

At the end of lesson 4-5 the students will have to:

- carry out substances recognition tests;

- perform measurements of the volume of CO₂ produced by the reaction;
- explain the results with graphs and submit a written report;
- comment on the results and explain how the results can be applied to the process.

Stage 4 and 5: experimental activity

	Level 1	Level 2	Level 3	Level 4	Level 5
Setup	Fail	Insufficient	Sufficient	Good	Very good
Performing experiment					
Observation skills					
Data processing (report)					

Lesson 6

At the end of this lesson the students will have to:

- describe to other groups, using a multimedia presentation, the activities carried out;
- explain the effects on the process;
- list several questions to ask to the expert.

Stage 6: student's ability to present the results in a coherent way

	Level 1	Level 2	Level 3	Level 4	Level 5
Use of software					
Knowledge of contents					
Language					
Involvement					

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