



Professional Reflection-Oriented Focus on Inquiry-based Learning and Education through Science

How much are you costing me!

Suggested Assessment

The assessment was based on the systematic observation of students' behavior (ability to coordinate and to present the activity, ability to record, participation, contributes to the group discussion). In particular, the attitudes and the behaviors of students in team work were considered, but also the work carried out and the way to address the role assigned were evaluated (note-taker, coordinator, lecturer). Learning is verified by curricular tests.

Indexes

- Index1: participation to the teamwork in the class;
- Index 2: timeliness and accuracy in the activity (group assessment);
- Index 3: presentation and explanation of the teamwork;
- Index 4: listening, discussion and participation to the teamwork;
- Index 5: listening, contribution to the debate and elaboration.

Levels

- Level 1: gravely insufficient;
- Level 2: insufficient;
- Level 3: sufficient;
- Level 4: almost good / good;
- Level 5: very good / excellent.









Professional Reflection-Oriented Focus on Inquiry-based Learning and Education through Science

Index 1

Participation to the teamwork in the class

- Level 1: does not participate in the activities;
- Level 2: the participation is occasional and the student is often distracted;
- Level 3: the student follows the work without active contributions;
- Level 4: he engages in the work and tries to give his contribution;
- Level 5: he behaves as a leader and guide his classmates.

Index 2

Timeliness and accuracy in the activity (group assessment)

- Level 1: the activity is not carried out;
- Level 2: the activity is carried out negligently and only after repeated reminders;
- Level 3: the work is done in an acceptable manner;
- Level 4: the activity is carried out on time and accurately, but without any further contribution:
- Level 5: the activity is carried out on time and accurately, furthermore the several aspects of the problem are taken into account and discussed.

Index 3

Presentation and explanation of the teamwork

- Level 1: the presentation is inadequate and the exposure is mediocre;
- Level 2: the presentation and the exposure are approximate;
- Level 3: the presentation is rather accurate, the exposure is not good;
- Level 4: the presentation is complete, the exposure is not clear;
- Level 5: the presentation and the exposure highlight the logical and critical path that has been followed.









Professional Reflection-Oriented Focus on Inquiry-based Learning and Education through Science

Index 4

Listening, discussion and participation to the teamwork

- Level 1: the student does not participate in the teamwork or disturbs the work of others;
- Level 2: occasionally participates with insignificant contributions;
- Level 3: regularly participates but does not give contributions;
- Level 4: actively contributes to the teamwork with good will;
- Level 5: is able to guide the activity of the classmates by providing both operational and conceptual supports.

Index 5

Listening, contribution to the debate and elaboration

- Level 1: the student is distracted and does not show any interest;
- Level 2: the student does not contribute to the discussion, but he listens;
- Level 3: he participates in the discussion without significant contributions;
- Level 4: participates actively in the discussion and accepts the given ideas;
- Level 5: the student guides the discussion, he clearly presents his ideas and responds to the contributions of his classmates.

Developed by Teresa Carloni Istituto di Istruzione Superiore "Corridoni Campana" Osimo (AN), Italy



