QUESTIONNAIRE FOR PROSPECTIVE TEACHERS

This questionnaire is aimed at evaluating and collecting information and suggestions on the content, usability and pedagogical effectiveness of the NTSE Project teaching materials (video, interactive animation, teacher guidelines, student guidelines).

Personal data

1. **Name:**

   _____

2. **Country:**

   _____

3. **Gender:**   ☐ Male   ☐ Female

4. **Years of teaching experience:**

   _____

5. **Subject(s) taught:**

   _____

6. **Type of current school:**   ☐ upper secondary   ☐ lower secondary

7. **Experience in using on-line resources for teaching and learning:**

   ☐ not at all   ☐ little   ☐ average   ☐ much   ☐ very much

Pedagogical approach

A. Please, evaluate the teaching materials according to the general pedagogical criteria below. Circle the appropriate number.

General pedagogical criteria	1 very poor	2 poor	3 average	4 good	5 very good
1. Clarity of the stated educational aims and learning outcomes.	1	2	3	4	5
2. The teaching materials fulfill the stated educational purpose.	1	2	3	4	5
3. Learning objectives are clearly stated.	1	2	3	4	5
4. Assignments are clearly written.	1	2	3	4	5
5. The activities are well-matched to the target audience.	1	2	3	4	5

B. Please, circle a number to indicate the extent to which the teaching materials enables the student to:

Student-focused pedagogical requirements	1 not at all	2 little	3 average	4 much	5 very much
1. Set his/her own learning objectives	1	2	3	4	5
2. Choose among different alternatives of studying and using the resource	1	2	3	4	5
3. Search for and explore information	1	2	3	4	5
4. Collect and extract information	1	2	3	4	5
5. Study material by him/herself	1	2	3	4	5
6. Experiment and play with material	1	2	3	4	5
7. Exchange and share information with peers (other students)	1	2	3	4	5
8. Collaborate with peers in a common workspace	1	2	3	4	5
9. Ask for and receive support from subject area experts	1	2	3	4	5
10. Take tests in order to assess him/herself	1	2	3	4	5

C. Please, circle a number to indicate the extent to which which the teaching materials enables the teacher to:

Teacher-focused pedagogical requirements	1 not at all	2 little	3 average	4 much	5 very much
1. Set his/her own learning objectives	1	2	3	4	5
2. Search for and explore information	1	2	3	4	5
3. Collect and extract information	1	2	3	4	5
4. Communicate with students	1	2	3	4	5
5. Ask for and receive professional support from nanotechnology experts	1	2	3	4	5

Content Efficiency

D. Please, evaluate the teaching materials according to the criteria below. Circle the appropriate number.

Criteria	1 not at all	2 little	3 average	4 much	5 very much
Information					
1. The information included is detailed and extensive.	1	2	3	4	5
2. The information included is relevant to the stated educational objectives.	1	2	3	4	5

Criteria	1 not at all	2 little	3 average	4 much	5 very much
3. The information included is appropriate for the identified target audience.	1	2	3	4	5
4. The information included enriches school curriculum.	1	2	3	4	5
5. The information included is linked with other relevant on-line resources.	1	2	3	4	5
6. The information included is free of political, cultural, social, gender and racial bias, demeaning labels or stereotypes.	1	2	3	4	5
7. The information included is up to date with current nanotechnology topics.	1	2	3	4	5
8. The sources of the information included are clearly stated.	1	2	3	4	5
Structure					
9. The information included is well-structured and organized.	1	2	3	4	5
10. The texts included are well-structured.	1	2	3	4	5
11. The labeling of sections is representative of the information included in them.	1	2	3	4	5
12. The on-line resources linked with the information are relevant.	1	2	3	4	5
Presentation / design					
13. The pictorial and sound information included is accompanied by relevant labels.	1	2	3	4	5
14. The texts included are legible, in terms of colour, size and type of lettering, arrangement and visual effects.	1	2	3	4	5
15. The graphics, images, video and virtual reality included are well-presented, in terms of resolution, colour and size.	1	2	3	4	5
16. The sound information included is well-presented, in terms of technical quality.	1	2	3	4	5
17. Graphics, images, sound, video and virtual reality used are appropriate for the purpose of the resource.	1	2	3	4	5
18. The use of graphics, images, sound, video and virtual reality facilitates understanding.	1	2	3	4	5
Accuracy					
19. The links included in the resource are valid and up to date.	1	2	3	4	5
20. The language used is grammatically and syntactically accurate.	1	2	3	4	5