

## NanoScience – NanoTechnology / NST

### ID explorer

#### Guide 1

Starting from **the real-world problems and the possible NST solutions** been discussed previously, please reflect on the following questions:

#### PART 2

1) Which other problems could you think that NST research & development has contributed to?

2) Regarding the solutions that NST proposes, what common characteristics can you recognise in addressing the aforementioned real-world problems/challenges?

3) Which are the **STEM disciplines** that have contributed to these solutions?

4) Can you recognize any specific **a) concepts, b) methods, c) artefacts/tools and d) questions** that are **common between 2 or more S-T-E-M disciplines** and that have a crucial role in the proposed solutions? If yes, name some of them.

5) Which **specific terminology** do you recognize in the above NST-related domains? Which terminology already existed? Have you come across any **new terminology** or **new meanings** of known terms while analysing the problems and the corresponding solutions ?

### **PART 3**

6) Can you identify any **commonalities among the aforementioned STEM disciplines**?