1st Day Agenda

1. Presenting ourselves (Who are we? What will happen during the Summer School? How will we do the summer school sessions?)
2. Scale of the Universe: A short journey. Watching the video and discussing it.
3. On Nano Science and Nano technologies. What is nano? What are nano technologies used for? Watching and debating:
   - Link- The smallest gift card in the world: [http://www.realitatea.net/cea-mai-mica-felicitare-de-craciun-din-lume-este-invizibila_785774.html](http://www.realitatea.net/cea-mai-mica-felicitare-de-craciun-din-lume-este-invizibila_785774.html)
4. Experimenting with... smart materials: "Shape shifter" experiment.
5. Comment the motto of the day: Have a nitinol memory!

2nd Day Agenda

2. Discuss the homework from the 1st day of the Summer School.
3. Find out, understand and debate together: (a) the “multiverse”, and (b) temperature of a candle flame.
   Moving forward: Video Presentation of Shape Memory Alloy - [http://www.youtube.com/watch?v=e75psKIF89I](http://www.youtube.com/watch?v=e75psKIF89I)
4. Worksheet no.2 - brainstorming solutions.
5. Debate the article “Nano golden threads helps recovery after a heart attack”.
6. Debate: Why do everyday people know so little about nanotechnology and products based on nano?
8. Motto of the day: „1+1= 3!!!“
3rd Day Agenda

1. Discuss the homework from the 2st day of the Summer School.

2. Find out, understand and debate together:

3. Articles to read and debate:
   - “Nano food for the future”
   - “Nanotechnologies invading aliments”
   - “Nano bread with fish oil”
   - “Nano-mayonnaise”
   - “Chips with nano salt”.


5. Let’s think of other applications, together!

4th Day Agenda

1. Discuss what we have learned in the last 3 days. Questions?

2. Find out, understand and debate together:
   - Link – Nanomedicine: http://www.descopera.ro/dnews/7581275-nano-medicamentele-fotovoltaice


5. Let’s think of other applications, together!
5th Day Agenda

1. Find out, understand and debate together:
   - Link – Nanotechnology could green our buildings
     http://www.realitatea.net/nanotehnologia-ar-putea-inverzi-cladirile-verzi_91551.html

2. “Wonderwall” experiment.

3. Let’s think of other applications, together!

4. What have we learned? What are our views on smart materials? How will our future look like?