

# Materials Science & Solid State Chemistry: Project 1

1 Team name:

Team members:

Your modern object:  
*(include a sketch here)*

## examine your product's materials and societal impacts

2 What are your product's modern societal impacts?  
*e.g., environmental, cultural, political, economic*

3 How does your product need to function or perform? What materials were used in your product's components?  
How do the materials connect to the functional or performance needs?

## plan a five-week project

4 What specific **questions** do you hope to answer?

5 How will you answer these questions? What's the **plan**?  
*What laboratory tests would you perform?  
What equipment do you need for your testing? How will you prepare your samples for testing?  
What information resources and other resources do you need to locate?  
How much time will each part of your project plan require?  
How will you divide tasks among your team members?*

6 **Predict** the output from your project plan.  
*Given the choices that you made in the project planning, what kinds of data do you expect to collect through hands-on experimentation or research?  
What output or results do you expect to produce, e.g., graphs, tables, numerical data, images, text?  
Sketch a few example figures you might be able to show in your presentation.  
Outline the arguments you expect to be able to make in your final poster.*