

## Module 1: Introduction to Course

### Module 1 – Individual Assignment: Describing Materials

Now that you've gotten a little background understanding of the course content and how we will approach describing and analyzing materials, you can apply that to any material around you.

#### Instructions

1. Find an object you can pick up. It doesn't matter what it is!
2. Use what you've learned from the lectures and readings this week, as well as your own research, to describe your object. Place physical properties in one column and social/cultural properties in the other.

Name of the object: Smartphone

What material(s) is this object made out of? Glass, gold, lithium, plastic, copper, aluminum

Pick one of the materials in this object for this assignment: Gold

Physical Properties	Social/Cultural Properties
Malleable	Used to denote perfection.
Corrosion resistant	A symbol of wealth and prosperity.
Good conductor	Currency was held to a gold standard to determine its worth.
Opaque	Sparked the gold rush which caused a lot of people to move west and created a lot of jobs and immigration.
Scarce	Used in technology, that allows for communication and social connections

#### Describing Materials Grading Rubric

Criterion	5 Points	3-4 Points	0-2 Points
Response Content	5 or more properties per column that reflect understanding and thoughtful consideration.	3-4 properties per column that reflect understanding and thoughtful consideration.	Less than 3 properties per column. Little attention to detail.

