


Overview-Material Property Game

How the game works

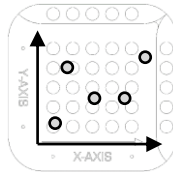


 Students ...

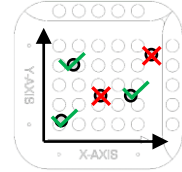
1 ... **measure**
material properties



2 ... **create** material property
charts using a game board



3 ... **check**
their results



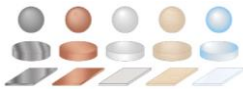
What you need to prepare

1 **Acquire/manufacture**
Game board



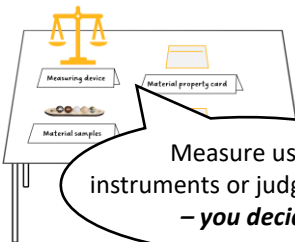
Manufacture a
physical board or just
use pen and pencil
– **you decide**

Material
samples



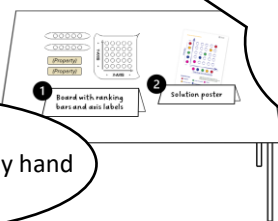
Material samples as
spheres, discs, plates ...
– **you see
what you can find**

2 **Set up**
measuring stations



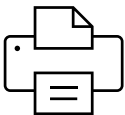
Measure using
instruments or judge by hand
– **you decide**

3 **Set up**
chart creation stations



What you need
for these?
-> **check the
guide**

4 **Print** documents
for the students



5 **Present** game
instructions to the
students



6

PLAY

NEXT

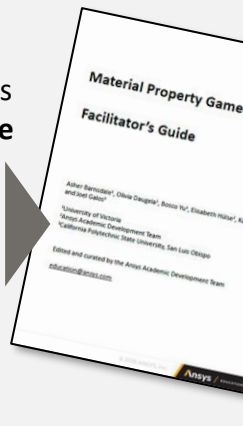
Read the
"Facilitator's Guide"

Our aim was to make
this game as **flexible** as
possible and **accessible**
to **everyone**.

So, we have laid out
different **options** with
detailed **instructions**
and **tips** in the
"Facilitator's Guide".

In the provided
folders you find
printouts,
templates, **3D files**
for manufacturing,
and **slides** to present
to class.

We suggest you
navigate through
these files **in order**
from 1 to 3.



- 1 - Read this to get
 - 1 - Overview of
 - 2 - Facilitators G
- 2 - Preparing the ga
 - 1 - Manufacturing
 - 2 - Print for clas
 - 3 - Print for stati
- 3 - Present to class
 - Material Proper