



BALANCE SCALES

THE STEAM DESIGN PROCESS

ASK

Define issue
And constraints

IMAGINE

Brainstorm and
choose a solution

PLAN

Draw it and
make a
materials list

CREATE

Make it and try
it out

IMPROVE

Reflect and
make it better

WHAT IS A BALANCE SCALE?

Today's learning intention:

To brainstorm, discuss and design a plan with your group to create your balance scales.

Once completed, show Miss Parry and you can begin the creating phase!

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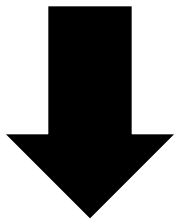
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WHAT IS A BALANCE SCALE?

WHAT DOES “BALANCED” MEAN?



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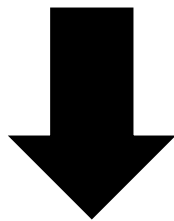
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STEAM CHALLENGE

Challenge: In your groups, design and create a set of balance scales that will adequately compare the weight of two objects.

Questions to consider:

Will and how your project hang or stand?



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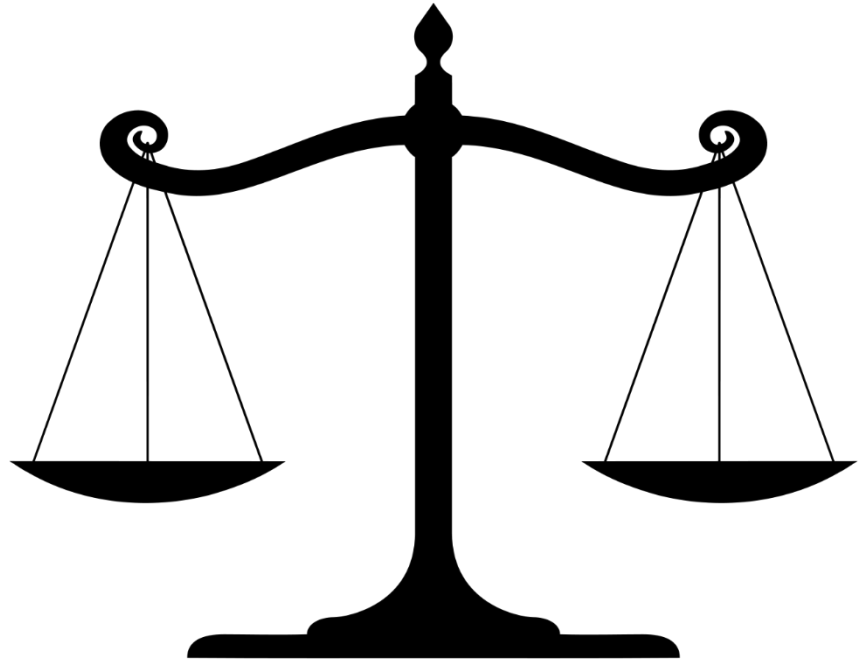
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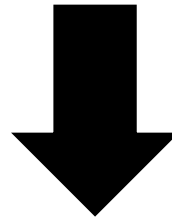
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EQUIPMENT LIST

- Wish away...



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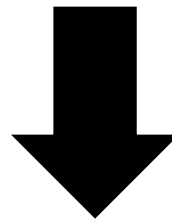
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LEARNING

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GROUPS FOR STEAM ACTIVITY:

- RED: Warrick, Ling Liu and Kismat
- ORANGE: Charlotte, Christine
- YELLOW: Tasharna, Annaliese and Ravleen
- GREEN: Nero and Cooper
- BLUE: Connor and Lina
- PURPLE: Farhan, Derrell
- PINK: Jessica and Mia
- SILVER: Khodi and Will
- Santino and Razan

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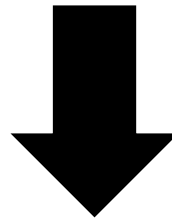
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GROUPS FOR STEAM ACTIVITY:

- In your groups, complete your model try it!



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