CTS | JAN 2018 | IDJ:

YOUR NAME: Carla Alverina Lee

STUDENT ID: 0333767

FOUNDATION: FID | FIA | FIS | FNBE

TUTORIAL LECTURERS: MR CHARLES | MR CHOY CHUN WEI

(MS FU YEN HUEI)

PRODUCT NAME: Flashrunning DC city

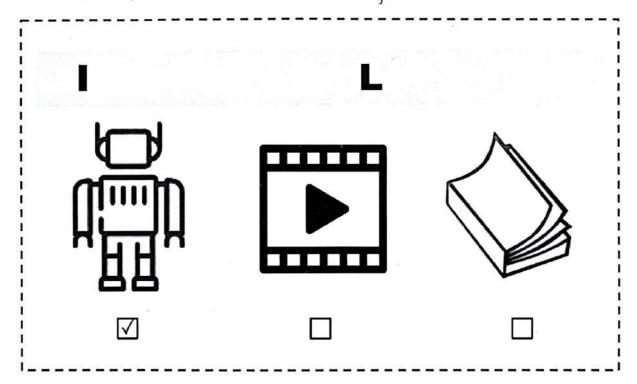
GROUP NAME & MEMBERS NAME (IF GROUP WORK):

1. Arissa Alyna Shah 2. Khiirtuna Devarajan

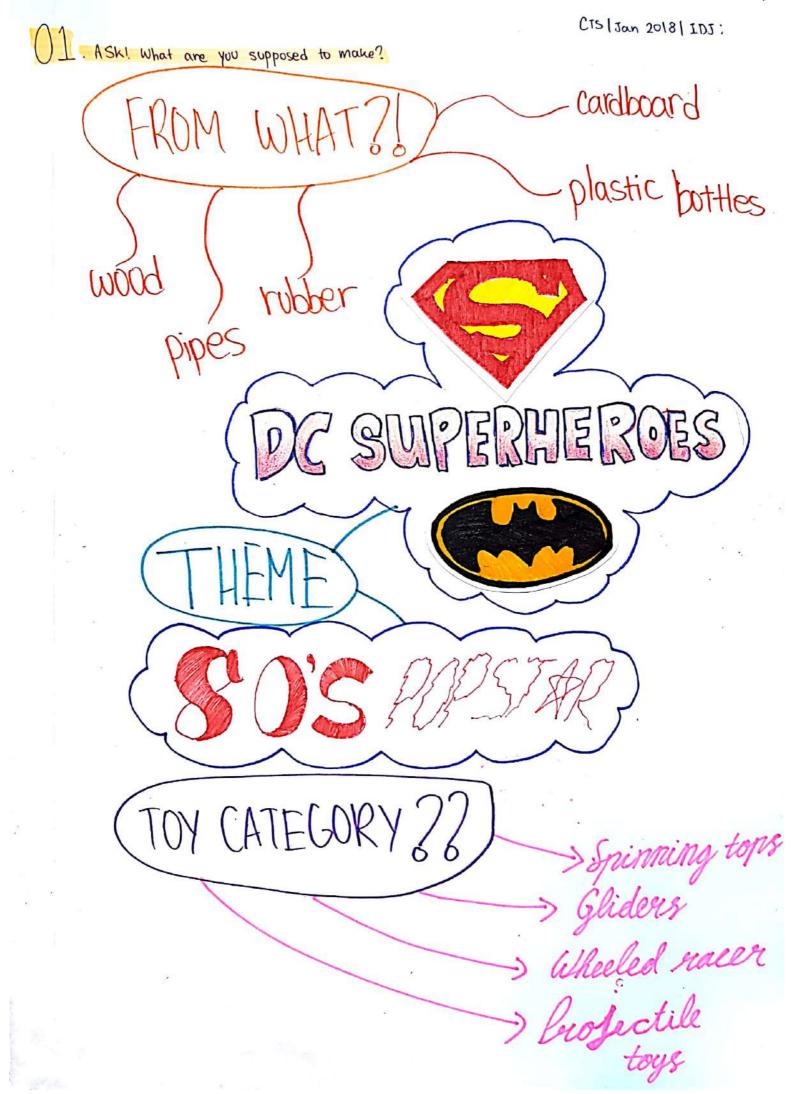
3. Carla Alverina Lee

4. Hanan AS-AD

5. Mathaath Ibrahim Sijau



CTS JAN 2018 | IDEA JOURNAL|

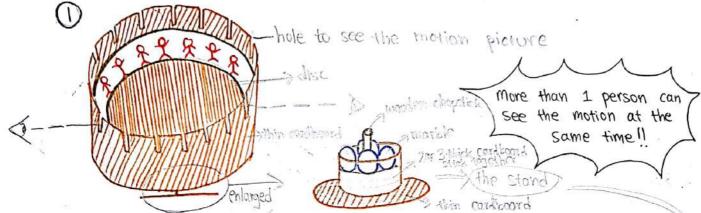


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OZ. Examples of ideas and related in fo that inspire you and relatable to the assignments.

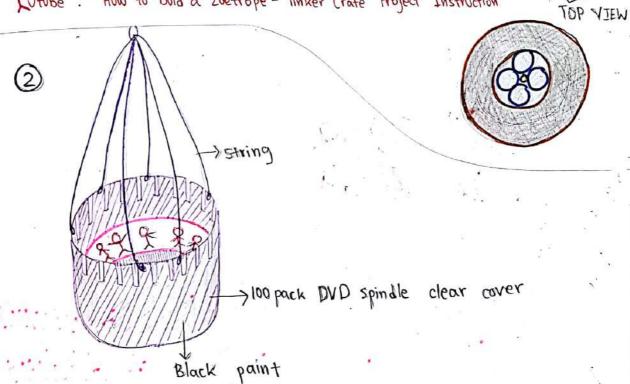
"Zoetrope" or "Wheel of life"



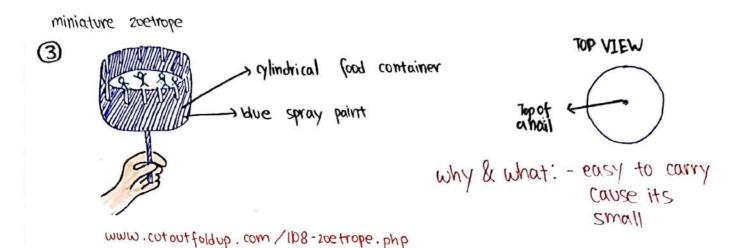
20etrope is a 19th-century optical toy consisting of a cylinder with a series of pictures on the inner surface that when viewed. through slits with the cylinder rotating, give an impression of (ontinuous motion

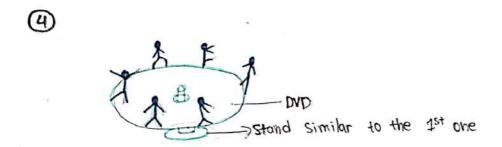
Remind people how illusion of motion was created in the past! . BEFORE computers exist!

Dtube: "How to build a Zoetrope - Tinker Crate Project Instruction"

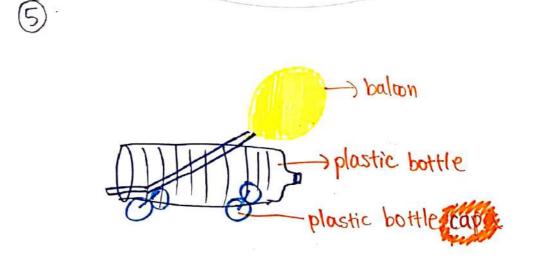


tahnee .org/wordpress/2010/01/06/make-your-own-hanging-zoetrope/

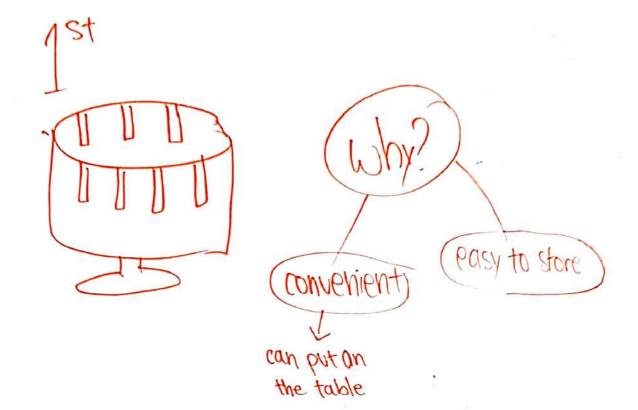




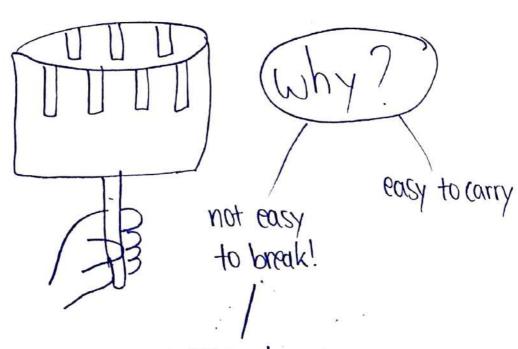
latestarduinoprojects. blogspot.my/2014/09/stroboscope-zoetrope-using-arduino-and.htm
why & what: - allow players to cut out their own
animation and paste it! (can change
anytime they want)



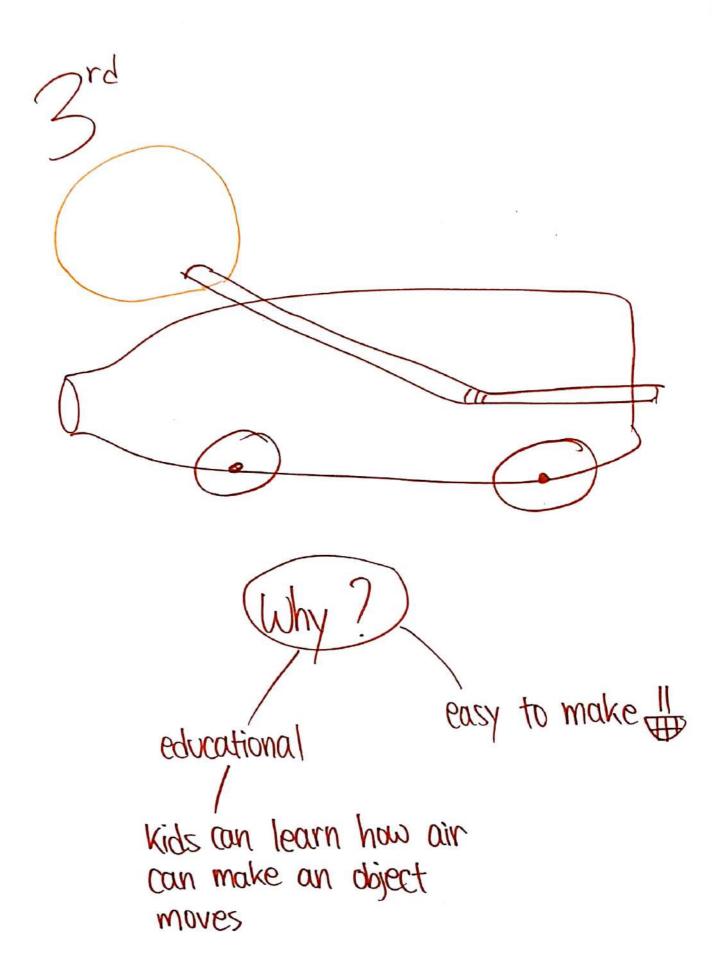




 2^{nd}

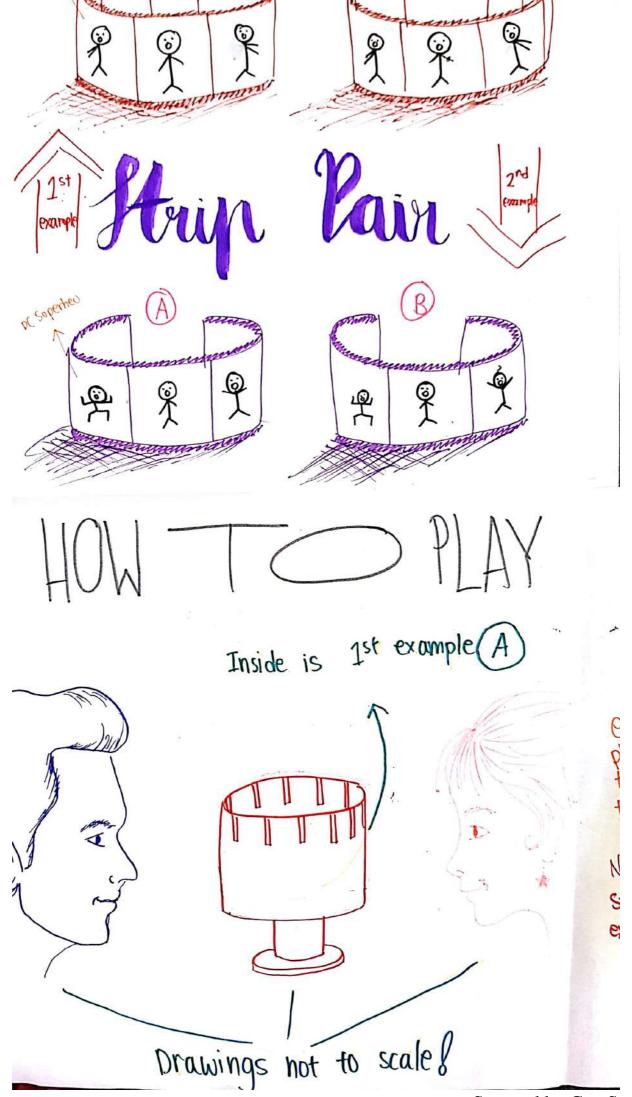


cause made out



)IFFERENCE

DC Superhero or superher



Scanned by CamScanner

Winner Spin the zoetrope

with "It example A" each one of the player has 10 sec to look at the animation Now, change the strip into "1st Spin Turn the 20etrope example B" Mswer again for 10 sec. first The player(s) must find out what's different in the animation

Why this ?

⇒ can test players' memorizing skills
⇒ can also test their concentration

why is this interesting for me?

⇒ cause its not just a usual soetrope, people can play a game with it

ATTO OBJECTIVES?

1) Bring back history!

remind people how people back theh make an animation (moving illustration)

2) Test their skills

=> are they paying attention?

⇒do they remember what they see before?

3) Increase their creativity

3) Increase their creativity

3) They can make their own strip

With any paper they have from

home



So this is the final work! This can be played by 2 or more players! Actually you can play this by yourself too but its not as fun as playing with someone else ##

CTS | JAN 2018 | IDJ:

YOUR NAME: ARISSA ALYNA SHAH BT. AZLAN SHAH STUDENT ID: 0333681

FOUNDATION: FID | FIA | FIS | FNBE

TUTORIAL LECTURERS: MR CHARLES | MR CHOY CHUN WEI

MS FU YEN HUE

PRODUCT NAME: Zoetrope

GROUP NAME & MEMBERS NAME (IF GROUP WORK):

1. Hanan 4. Khirtana

2. mathu 5. carla

3. Arissa

IDEA JOURNAL 1 /2 /3







CTS JAN 2018 | IDEA JOURNAL!

O1. ASK! What are you supposed to make? CTS | JAN 2018 | IDJ: (Do ask questions and find the answers. Make mind ASK + LEARN + OBSERVE maps and categories your findings. 1-3 pages. Hand + THINK drawn and write but may include some digital images) Design a DIY toy Recycled recycled materials? 9?3 Theme? materials? Cardboard Criteria log category * egg cartons only choose one) superheroes * clean pizza aesthetic 1 poxes - batman * corrugated Spinning Tops - Juberman Funtional Cardboard - wonder woman * Small boxes: - green lantern Gliders - Shoe box - the Kash Highly engaging - Green landern - cyborg ... etc Wheeled racers old rubber tobes / hoses Playable Eightes (competitive) * pipe hose Projectile toys Pop stars # slingshot - michael Jackson * Catapult Discarded wood - Whitney Howton * Ballista Kit Bruce Sportogisteen # 20etrobe - PWI collins Plastic bothes - madunga...etc

O2. Examples of ideas and related info that inspire you and relatable to the assignments. (Why & how these examples inspire you? Justify and elaborate on each examples. Identify the interesting components. Give a conclusion for each of the examples – why and what makes it interesting – and how it could help your final product. 1-3 pages *provide images" or links

CTS | JAN 2018 | IDJ:

ASK + LEARN + OBSERVE + THINK





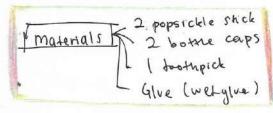






18

읦



bottle cap

Con even use follop op shelv

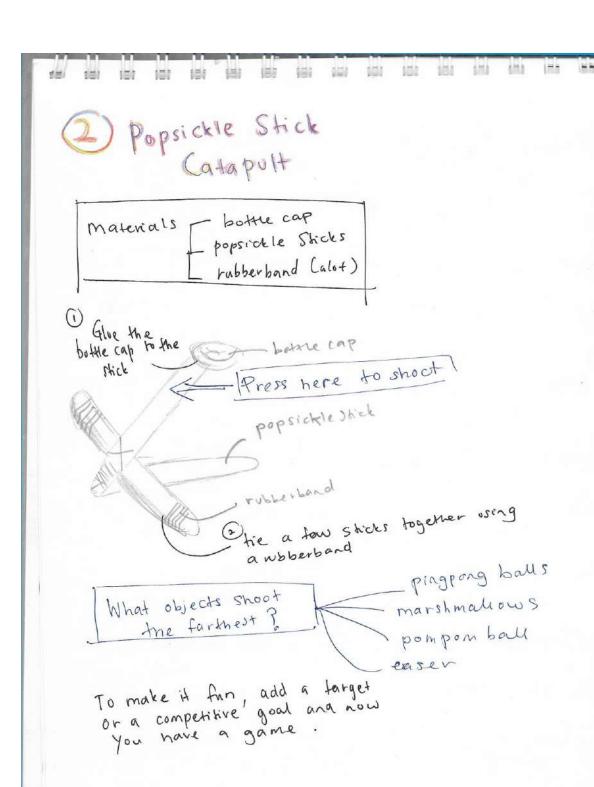
How to make?

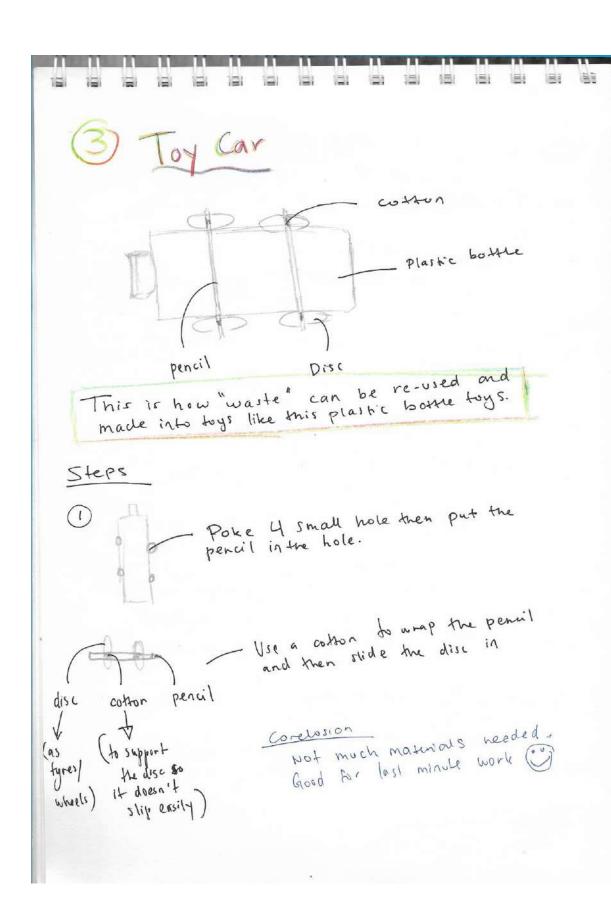
1) Poke a hole through the bottle caps & in the middle of the stick



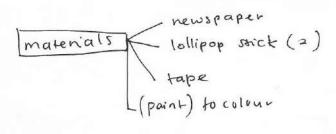
2) Glue the popsickle streks in between the bothe caps then strek the toothpick in.

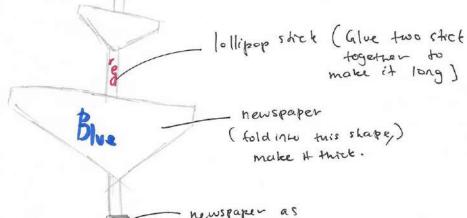
Spinning tops comes in all shapes and sizes but this is the quick of easy way to create of



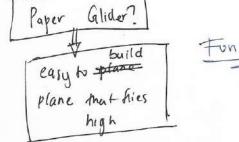






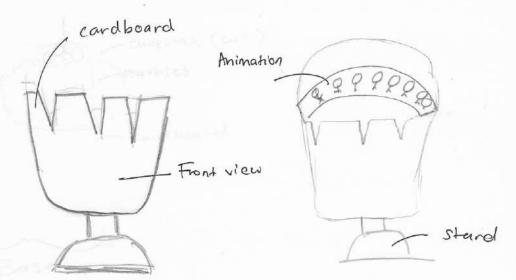


- newspaper as the "nose"



For Fact Shockine I this method is one of the





Zoetope? Animated scores of mages when

WHEEL OF LIFE

IT creales illusion

It creates an interesting story in a line when it spins. It was created since 1830's.

(bestidea) the this could most probably help me get marks.

material needed

U

Condboard, paint,

paper, marbles,

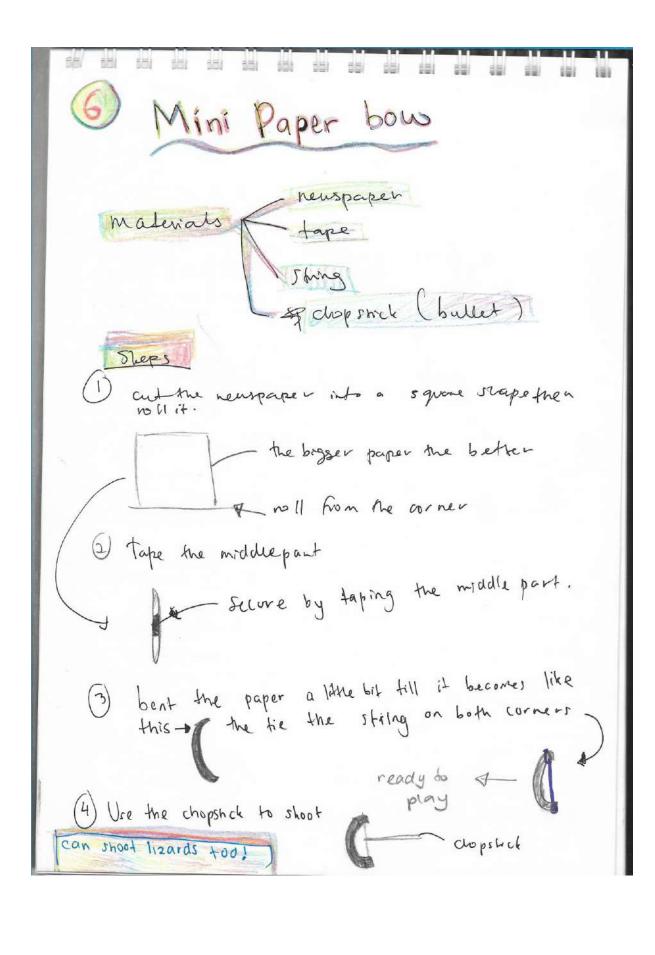
Chopstick / toothpick,

playdoh / used tictack

many more necycled

ifm to decorate, net

glue, dry glue



03. What are the 3-5 ideas that interest you most? Describe and elaborate your ideas here.

(Make mind maps on each ideas that came up. Consider and elaborate on each ideas. 1-5 pages. Hand drawn and write but may include some digital images)

CTS | JAN 2018 | IDJ:

ASK + LEARN + OBSERVE + THINK

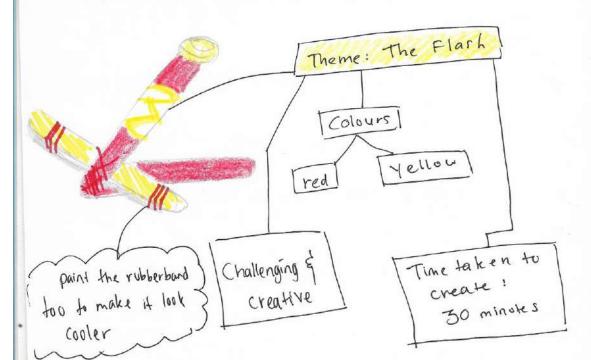








Popsickie STICK CATAPUL



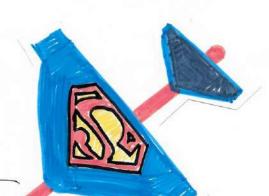
the Hash Catapult

Can shoot & aim the food into kids mouth to make it fun.

Type of Food: march nallow, chocolate, gumny bears, bubble gum balls



Paper Glider Theme: Superman



Colour needed:

Blue: Paint the newspaper

blue (the wings) & the nose

Red, Yellow, black: The logo

Red: The lollipop shick

Nose weight

time taken to create:

20. mins +++

How to play:

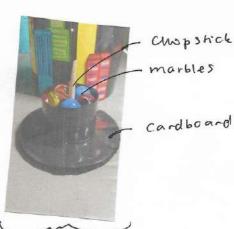
Shoot the plane

into the air

Will most probably

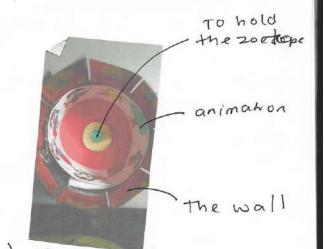
in the air

3 Zoetope



the base

we add the morbles to make it strong and to spin easily



Inside view

- clraw 7 images

(6.5mH, 4.7cm L)

(dolevent movement)

wall : DC CITY

Animation: Butman, Superman

Q4. Refine your selected final ideas. Explain how you make your final decisions etc.

(Sketch up the final product. Write why you choose to make what you are making. What are the "DETAILS" that makes it interesting or working. What is/are you main consideration or aim of your final product ideas. 1CTS | JAN 2018 | IDJ:

ASK + LEARN + OBSERVE + THINK











I choose to make the zoehope because I think its the coolest. Even my group member agreed on making It together. It is a very interesting toy be cause it creates the illusion of moving object when you spin it. It is basically like a story depending on the animation. It is like a "magical" toy because of the illusion.

Aim of final product:-Illusion is obvious, - Strong base (when spin) - not to doll - Turn it into a story in a line 05. In less than 100 words describe your final product and CTS | JAN 2018 | IDJ: the briefly about the idea development

Zeetope is known as a vintage toy. A zuetope is an invention that creates the appearance of a moving picture. It has seven different image on the paper that creates an illusion when it spins. It is also known as "wheel of life." We decreated the zuetope wall with DC buildings. For the animatron, we did different type of heroes to see which is the best.



CTS | JAN 2018 | IDJ:

YOUR NAME: MARIYAM HANAN AS-AD

STUDENT ID: 0333738

FOUNDATION: FID | FIA | FIS | FNBE

TUTORIAL LECTURERS: MR CHARLES | MR CHOY CHUN WEI

(MS FU YEN HUEI)

PRODUCT NAME:

GROUP NAME & MEMBERS NAME (IF GROUP WORK):

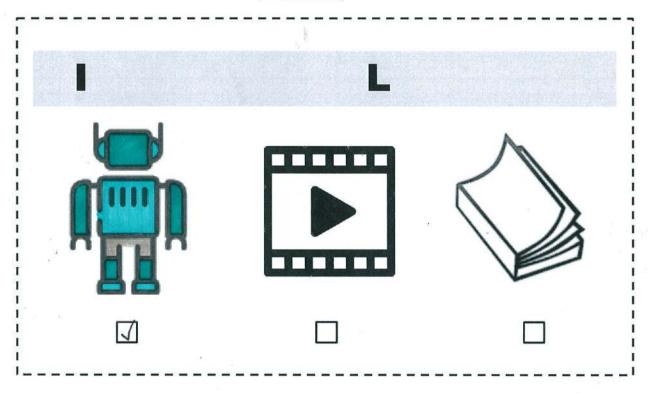
1. CARLA

2. MATHAATH

3. ARISSA

4. HANAN

5. KHILRTANA



01. ASK! What are you supposed to make?

(Do ask questions and find the answers. Make mind maps and categories your findings. 1-3 pages. Hand drawn and write but may include some digital images) CTS | JAN 2018 | IDJ:

ASK + LEARN + OBSERVE + THINK









What do we have to do?

Design a Loy USING

Recyclable materials

What is the theme?

1. Dc superheroes



2. Popular 30g POP stars 19: 9 ASSIGNMENT

What is

- 1. Selective combination of materials.
- 2. How they were used to fulfil the theme

When is the deadline?

th FEB.18, Wed.

hand in the IDJ as well !

What are the categories?

1. Spinning tops



2. Gliders



3. Wheeled racers



4. Projectile toys



What materials can you use?

- 1. Old rubber tubes/hoses 4 water hose, rubber
 - wrapping, rubber tires, ...
 - 2. Discarded wood Gold furniture, popsicle sticks, old pallets, ...
 - 3. Plastic bottles 4 different types of water & drink bottles,...
 - 4 · Cardboard 4 old books, old boxes, ...

What is the criteria?

- Playability (competetive)
- 2. Highly ENGAGING
- 3. FUNCTINAL
- 4. Cresthelic



intellectual ability



- aesthetically,
- · Grabs people's attention
- · Makes them want to play with it
- · Aesthetics > colour texture design

- · Helps promote cognitive development
- · Should stimulate sensors
- · Help solve problems

 Li Solving problems in play

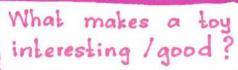
 applying to real life situations

 better thinker



APPROPRIATE

· Suitable for the one playing [in terms of age]







- PRIORITY
- · Should not be dangerous.
- Should have PG

 sign or labelled
 when necessary



SPARKS

imagination

AND MAKES YOU THINK OF

alternative ways

TO PLAY WITH IT



· Keeps you occupied

attention not



- · Ignites creativity
- · More idea generation (ideation)
- Figuring out other ways to play with toy

 Adifferent from what the producers intended you to use it as.

Designing a toy:

What to think

Which theme should I choose? CHOICE

· Kids more familiar with superheroes

- · Easier to velate to
- · Comic style is has a more fun look
- · Kids more fascinated noby superheroes/kids look up to superheroes more



Superheroes:

- . The Flash
- · Green lantern
- · Batman
- · Artemis
- · Robin · Superman
- · Supergirl
- · Kid Flash
- · Aquaman
- · Superboy
- · Beastboy
- · Cyborg
- · Starfire
- · Blue Beetle
- · Batgirl
- · Miss Martian · Wonder Girl

AGAINST:

kids

· Superheroes May be unsuitable for

Not suitable for all ages

violence, not # childfriendly costumes

· Style limited to comic style

· Wider variety of people to choose from

· Can use more diverse styles

6 Music 7: related

POPULAR



- · Younger generation less aware of the As NOT suitable for all ages
- · Harder to relate to toys
- Not much of a connection between popts & toys
- · Harder to hand draw

because

realistic #7 TAKES TOO MUCH detailed J TIME TO DRAW 909

- · Madonna
- · Bryan Adams
- · Annie Lennox
- · Michael Jackson
- · The Police
- Tina Turner
- · Whitney Houston

· Lionel Richie

- · Diana Ross
- · Dire Straits · U2

· AC/DC

· George Michael

Which toy category should I choose?

-> (WHY ?) --> Most balanced in terms of what is required. CHOICE Aesthetics: Functionality: · Wide range of options Spinning · High W · Easy to decorate Lop Playability: · Highly competitive - can compete · Easy to play against a · Not easy Involves quite number of people to modify · Highly engaging a bit of physics shape when Aesthetics: · Need to be very good Gan draw more interest -ve Glider · Wide range of options Easy to relate to themes · Difficult to Playability: manipulate the Functionality: · Moderately engaging
· Depends - on weather related projectile Involves a lot Moderately competitive of physics bdependant on weather Functionality: Playability: Not competitive enough Projectile · High as a toy (for playing) Not very engaging · High as an educational toy Playability low Functionality: Aesthetics: 4 would need some sort of engine system/gear system/ · Hard to modify/ battery/power source to make customize more functional · Moderate range of · Hard to relate options available to themes Wheeled Vacers

childrens words
& play is
their language.

Playability:

· Zow playability
bineeds manual
effort

· Difficult to make

· Not highly , engaging

· Not competitive enough

O2. Examples of ideas and related info that inspire you and relatable to the assignments. (Why & how these examples inspire you? Justify and elaborate on each examples. Identify the interesting components. Give a conclusion for each of the examples – why and what makes it interesting – and how it could help your final product. 1-3 pages *provide images" or links

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IDEAS

THAT inspire & ARE related ...

1 Spinning top



Makes use of Simple materials

Can be made in a short space of time

Easy to make

You just have to make a whole in the materials, slot them down the screw & secure the layers

> Highly functional >> Can be easily modified to match brief requirements

Change material of discs

Modification materials are
generally easy to source

Highly competitive

Basic main idea

Gran be used as final idea

Includes several layers of discs

> Spins fast

> People of all ages can enjoy

Y Highly engaging

HOW CAN I MODIFY IT:

Layers CD

Wood (shaped into disc)

Cardboard

Cardboard covered in rubber of materials

The Popsicle stick

· Instead of bolt - secure using rubberbands tied together

2 Projectile toy



> Simple structure

-> Can modify materials easily to match requirement

cover one popsicle stick using a rubber hose & replace one popsicle stick with cardboard

Makes use of recycled items popsicle stick

Can use a wide range of objects as a substitute for the felt balls

> Projectile motion can be seen easily

Suitable for all ages

Can be used to play for fun

Can be used as an educational toy

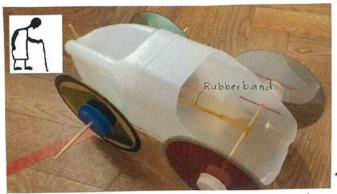
to study projectile, motion

to study about the conversion & storage of energy

People are free to ke choose the object they place in the bottle cap

Mechanism not difficult to understand by the ones playing

3 Wheeled racer



Geople of many ages can play Simple structure

> Makes use of recycled materials

Skewers (discarded wood), gallon of milk cart bottle (plastic bottle), bottle caps & CDs.

I can be modified to match requirements

GEg: wrap bottle in rubber hose pieces of different colours (decoration) & replace CDs with wooden discs (made of discarded wood)

Can cut skewers a bit & w hot glue plastic beads to secure ends

4 Spinning top



ZOETROPE ..

> Unique

Not seen or known by most people

> Makes use of animation

- Can modify easily

Substitute materials to match requirements (Eq: make outer ring using cardboard).

-> Suitable for all ages

combination of materials

> Highly engaging

> Working mechanism easy to understand & assemble

Gan use a wide range of animation strips

Gan change character (subject) &

movements as well.

> Will grab people's attention easily > combination of spinning toy Lanimation

Selected theme can be applied easily can be used as final product with materials modified

(5) Glider



Can be played outdoors & indoors

Easy to carry around

> Simple structure

> Makes use of cardboard (recyclable)

→ Can substitute some card of the cardboard to achieve selective combination of materials

SEq: replace body with light wood.

-> Suitable for all ages

> Safe

> Theme can be applied easily

> Keeps people engaged

can keep people active instead of just sitting in one place.

I can be used to play for fun

Can be used as an educational toy (Eg: to teach about air friction

6 Glider



Gan be played for fun

> Very simple

> Suitable for all ages

> Can be played indoors & outdoors

> Keeps you engaged

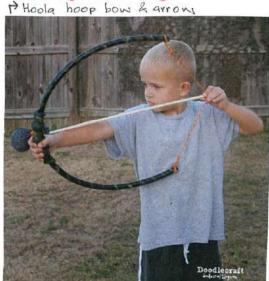
-> Can use recyclable materials

(SEg: wooden dowel for body, cardboard for wings & strips of plastic (from a)

> Can apply theme through colours & drawings / symbols on the wings

I can be used as an educational toy (for Physics)

T Projectile toy



> Unique

) Uncommon

7 can be made using recyclable materials

GEg: arrow can be made using discarded wood -> Can be made to look life Green Arrow's or to Artemis' bow & arrow > easily relatable to

I can be played outdoors

Highly engaging

> keeps you active

> Highly competitive

Can be used to study projectile motion } Education

The can be used to study & conversion &

> Fun to play with

(8) Spinning top

Spinning top constructed using Lego



Groves that a spinning top doesn't necessarily have to be round

Makes you think outside of the box -> Different

-> Uses a piece of plastic as a base Gan use bottle cap (make1 size of top)

> keeps you engaged

Suitable for all ages

> can modify design by Varying colour of blocks

Gan use colours related to theme

Colourful

Y Creative

I can be played for fun

can be used as an educational toy:

Eg: · Studying air resistance / friction

· studying circular motion

(9) Wheeled racer

Gean play indoors & outdoors

7 Wagon decorated as car

Different Creative

-) can use a wide range of materials

> Can use all the item materials mentioned in the brief - Selective combination of materials

) Design + easily customised

Geasily related to theme

> Easy to construct

Gno complicated mechanisms

Toy big enough to be ridden by Thinking outside the box Highly engaging (highly playable)

(10) Projectile toy

Projectile gun



G can be played with for fun

6 Educational toy

used to study Physics > can apply mechanism for final toy, if you are choosing to

Interesting Highly functional

-) Aesthetics can easily be customised to match the brief requirements

Acan use m substitute some materials for selective combination of materials

- Highly engaging

People wi Grabs people's attention to Size structure

> Can use cardboard from a tissue voll, covered with rubber from an old hose, discarded wood sticks to hold the structure & bottle caps

as ammunition

(11) Spinning top

4 Use of different colours makes aesthetics nice when it spins

> Easy to construct

-) Makes use of recyclable materials

> Suitable for many ages

> Materials needed to construct can be obtained easily & are cheap

> Simple to play with

-> Itas a competitive element to it

>) Many can play together

> Keeps you engaged

I can be made in a short span of time.

O3. What are the 3-5 ideas that interest you most? Describe and elaborate your ideas here.

(Make mind maps on each ideas that came up. Consider and elaborate on each ideas. 1-5 pages. Hand drawn and write but may include some digital images) CTS | JAN 2018 | IDJ:

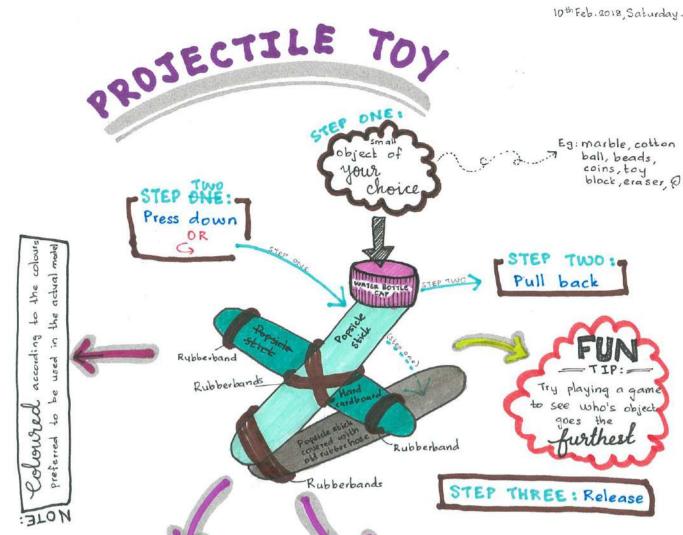
ASK + LEARN + OBSERVE + THINK











produce

Therefore, it the final F

25

ADVANTAGES

- · Easily assembled .
- · & friendly .
- · Educational (to study

> projectile motion 3 Jenergy storage3 El conversion]

· Suitable for all ages

· Easy to Carry around





can play in many places

· Many people can play together.

G can be played as the game mentioned above

· Experimenting around with objects -> keeps

you : highly engaged

- PG → use of small parts
- Only small items fit. into m
- If not careful, toy can break easily.
- · Can get huge when catapult recoils
 - · Can get LOST easily, coz the toy is small.



anning

Strong cord/thread/string (wrapped around)

> Top / front view

Screus

Popsicle stick covered in yubber (from a hose)

> Different oloured

- 1. Wrap the piece of cord around the top part of the screw.
- 2. Release

Discarded wo shaped into

a wdisk

Rubberbands (tieds together like



X Bottom

Considerations:

- · Use strong cardboard that does not bend as easily makes structure stronger
- · Use a suitable & strong glue to stick plastic onto CD
 - Otherwise the decoration will come off to once you start playing.
- · Use a strong cord (Eg: Kevlar cord) that does not fray easily stronger grip = faster spin • Use lightweight wood

Heavy wood = heavy structure

Slow spin

- · Highly engaging
- · People of all ages can enjoy
- · Highly competitive
- · Many people can play together
- · Easy to construct
- · Can be assembled in a short space of time
- · Eco-friendly
- · Salect Can be played indoors & outdoors

DISADVANTAGES :

- · You need a flat surface to spin the top on
- · If you touch wwhile it's spinning, you will get hurt
- · Young children can only play under PG

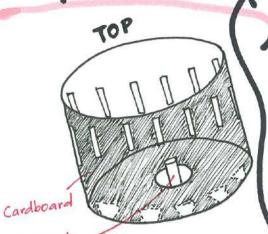
What if you couldn't lightweight wood

Replace the wooden disk layers with a lightweight material/ object.

Plastic Sheets

CD Light Hisk

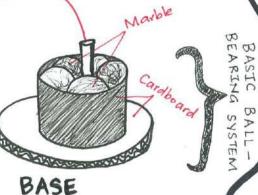
Regiform



How to play?

· Spin the Zoetrope & view the animation through the gaps.

Re-used wooden dowell



Considerations

- · Make sure the directly onto the film strips 4 Allows you top see anximation more clearly.
 - · To make the movement of the ball-bearing system more fluid, apply some hair oil onto the marbles.
 - · To make animation more clear, use a side view or an angle while drawing figures. A Front view animations are sometimes not that effective.

ANIMATION STRIP (Placed in the inside wall of the Zoetrope)

Selective combination

OF MATERIALS

- @ Re-used card board for ring old cardboard box I have
- Wooden dowell > Used dowell as support pillar Choy's class
- Marbles for @ Plastic How ball-bearing How bottle - !

Rubber →

Bad lighting = less visible animation 4 HOW TO FIX ...?

- ·Place tea light in center? diblocks animation
- · Vse phone lighting? d) Impractical

04. Refine your selected final ideas. Explain how you make your final decisions etc.

(Sketch up the final product. Write why you choose to make what you are making. What are the "DETAILS" that makes it interesting or working. What is/are you main consideration or aim of your final product ideas. 1-3 pages)

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ASK + LEARN + OBSERVE + THINK





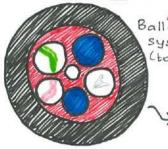




IDEA: Loctrope

Front view





system (top view)

> NOTE: The marbles are also recycled.



Everyone can Suitable for all ages



CONSIDERATIONS



LIE's different

When you say spinning top, a zoetrope is not exactly the first thing that comes to mind. The animation So, we wanted to think outside the box & surprise everyone!

makes it extra interesting.

WHY CHOOSE THE ZOETROPE?

- · Made up recycled materials
- · Unique
- · Out of ordinary Ly Not what is expected for a spinning top
 - · Not many people know of
 - · Selective combination of materials
 - Li Discarded wood (wooden dowell) 4) Cardboard (structure)
 - · Involves something extra & unexpected 4 Animation
 - · Highly engaging
 - 4 Curious to see what the animation is about
 - Ly Spot the difference game that comes along with it makes it more fun
 - · Interactive
 - · High playability Heasy to play HAnd the spot the difference game even adds a little competition.
 - · Highly functional

Lifunctions as a spinning top & an animation toy

HOW DOES THE

ZOETROPE



Zoetropes consist of Several, equally sized frames, with an image drawn on each. This animation strip is placed inside the Zoetrope's hollow drum. The zoetrope makes use of phosychological illusion

This tricks the brain into believing that you are seeing a moving image.



When spun, you see through multiple stits, & so, you see more than one frame.

It also consists of gaps/slits made in its wall. This is where one observes the animation / moving image.

When still, the viewer will only see a single image on the opposite side of the zoetrope, through a single slit.

What is the SpOT the Difference game?

*To 1 the competetive element of our zoetrope, we created a game where:

- . 2 viewer's will view a strip of animation simultaneously.
- · Next, another person will change the strip of animation difference).
- · Then, the 2 viewers will have to view the ranimation strip again & the first one to spot the difference between the two WINS!

05. In less than 100 words describe your final product and the briefly about the idea development CTS | JAN 2018 | IDJ:

Provide a picture / sketch of the final product:



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Brief alescription The final product the idea development

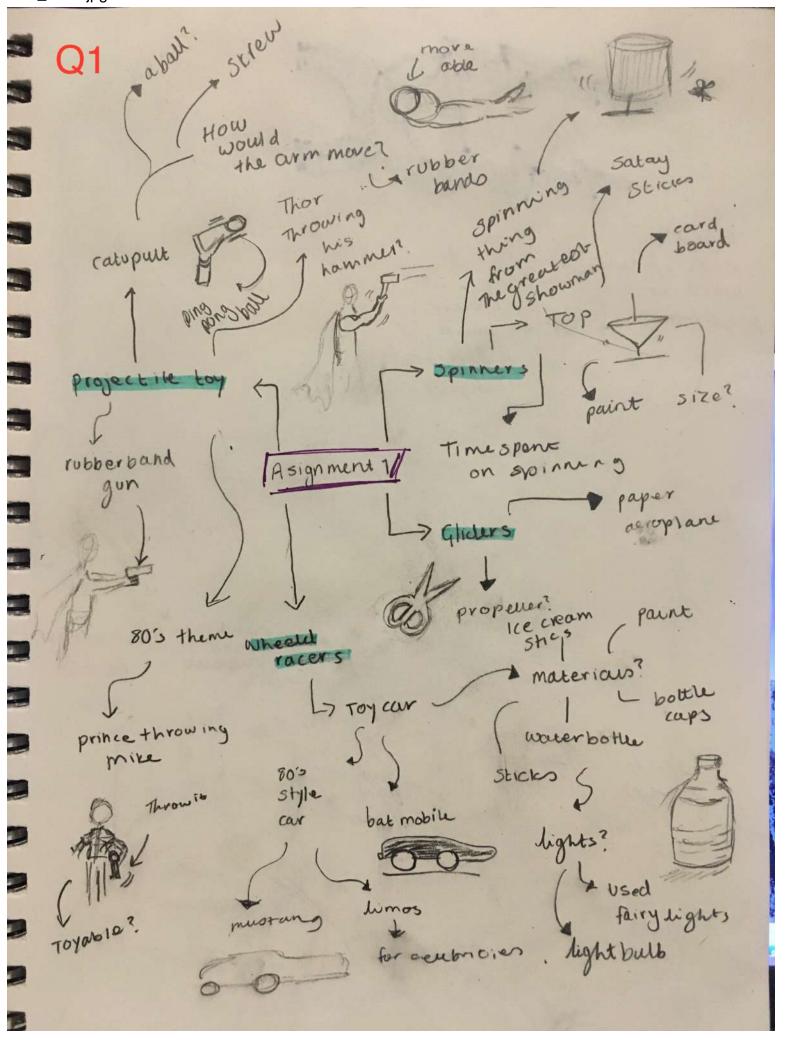
The DC themed "Zoetrope" is a unique spinning top that utilizes psychological illusions to trick your brain into believing that you are seeing a moving image. The zoetrope as a child. We developed the initial idea through tutor. To integrate Furthermore, to integrate the DC theme infrastructure & DC character based animation strips.

All in all, we believe that our toy is a unique spinning top that will surprise the examiners and viewers.



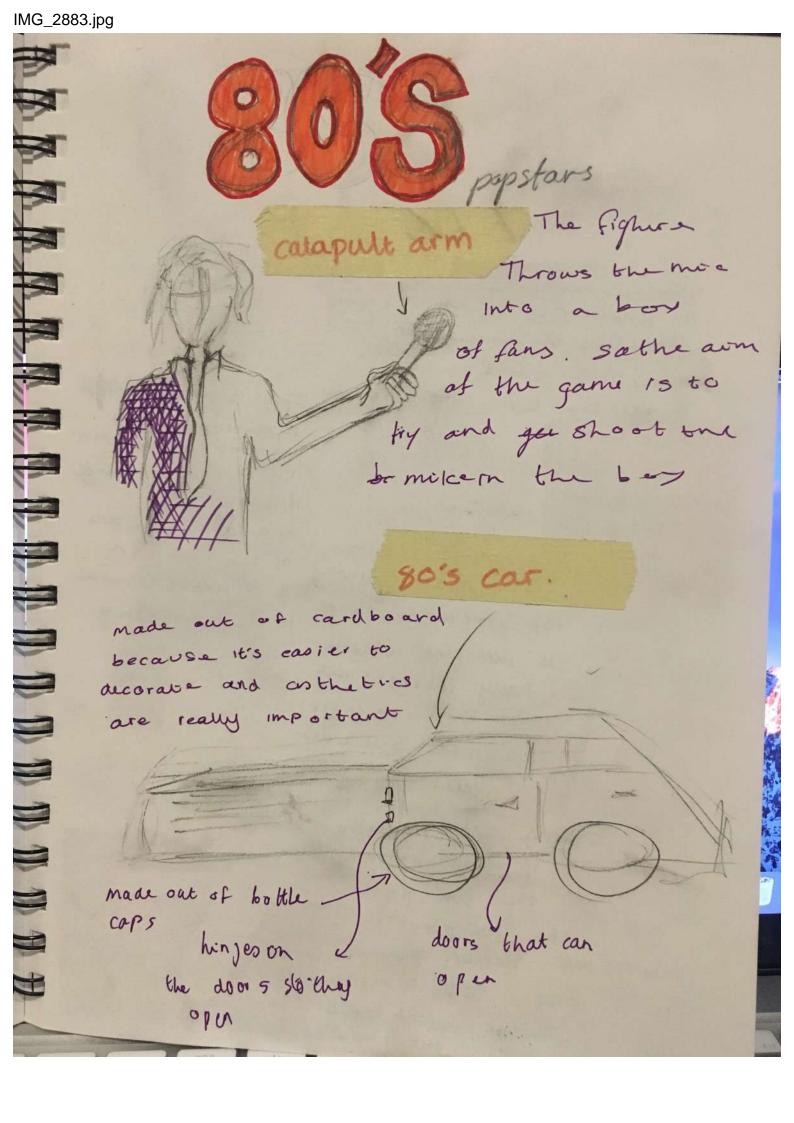
IMG_2909.JPG





IMG_2882.jpg comics Figurine made of cardboard, ar Rubberband Pubber polystfrine. Guns band Shooters (casepull) cord look through the hole . cutout Strick (Stray) Zoetrope

Strip .



Q2



Thos inspires me because of its simplicity it is so simple yet in moves so fast. This shows me how

to keep the toy simplistic

and not too complex that it dosent

become fun anymore.

Make

15



This is another spining top however the shape 15 different which Yearly intrests mi and is a reginder to make our con unique.

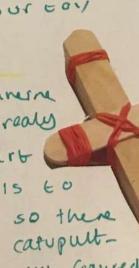
The thore figureine 15 and not really the fon part

the fon part 15 60 the hameri fly so there some sort of catupultment. (Havent really figured

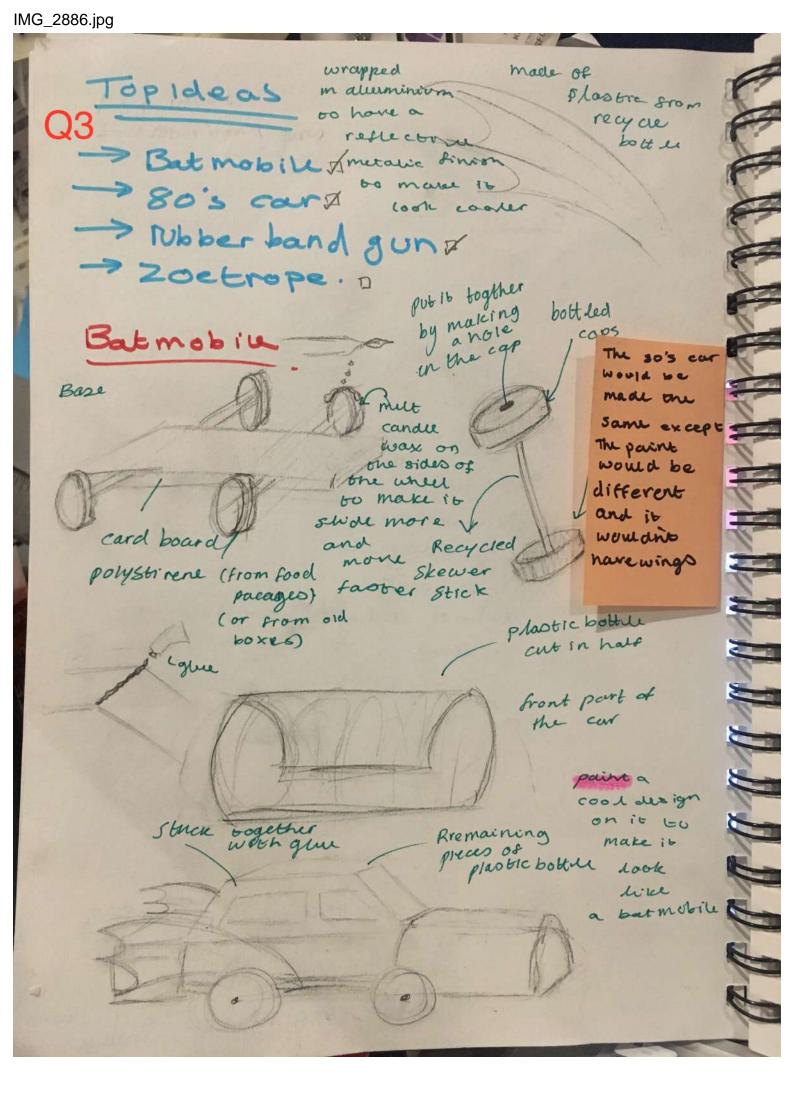
out how to do it that



This is a zoe trope it makes pictores into moving anima tions. which it hing 15 really cool and a really out of the boxided It still also relates to the spinning there.



could like make a Military type Plane but down't fit the theme



This would go under the progective section as it shoots rubber bands at things.
we could also make this a game by sooting down objects using

This is how the recycled you make a zoetrope out of recycled materians but over all I don't think it will be sturky and will fall apart reamy fost.

Materials used:

- Taylors hostel folder
- black paint
- cardboard
- bratile
- bluetack
- Stick
- CD

we used a Taylors hostel folder for the cylinder part of the zoetrope

Q4

we decided as a group to go with the group to go with the zoetrope as we all zoetrope as we all fount it really interesting and wanted to see how it turned out we also thought it was really creative and different from what everyone else was doing.

Q 6

Det

After that
we cut
holes
on the
curd to
look through to the paper prototype
and see the
hecause it is more
stuidy than normal
recycled paper.
It made a ready
good base compared
that imade.

Animatron

The prototype that I made earlier was compleatly wrong so a member of our group found a youtube vedio which was where we based how we made our zootrope

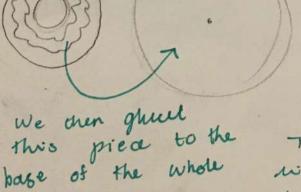
ahais where the street

goes through

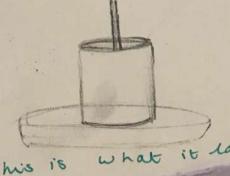
the base.

we used a recycled co as our base for the zoe trope wall we painted

we painted the whole thing black so we had a multich base to start on.



zoe tro pe. so if the base disant stay in mace, the whole zoe trope would be ruind.



This is before the wice placed on he give we used was very strong that's why our base is really

9

Final Product.

we made the tops more irregular 50 It would be more

Creative

The Final product
was supposed to
look like this
but then we faced
a few problemo

should have a light inside so you don't have to shine the phone light.

I we stuck

Dc comic

buildings on

the outside

of the zoetrope

The animation would be here

It ended up looking

disce

we mad zoe trop. buildings

bullacing

to give vibe to

the theme more.

we found difficulty in serting a higher so we just

ti cided to

vise our phone

One of our group members Q5 introduced us to the idea of a zoe trope and we Started to develop from there. We also tried to satisfy everyone by encorporating all of our Ideas Into our zoetrope. Initially we all agreed on what to do but later on we had some conflict because we didn't know if the zoe trope would score 1 high on the Scoring rubric. But we managed to resolve the conflict. We ended up turning our zoe trope into a game where we have to pairs of animation strips where we have P 50 -spot the diffrence between each animatron. 0

IMG_2907.PNG



CTS | JAN 2018 | IDJ:

YOUR NAME: Mathaath ibrahim sujau

STUDENT ID: 0333964

FOUNDATION: FID | FIA | FIS | FNBE

TUTORIAL LECTURERS: MR CHARLES | MR CHOY CHUN WEI

(MS FU YEN HUEI)

PRODUCT NAME: Flashrunning DC city

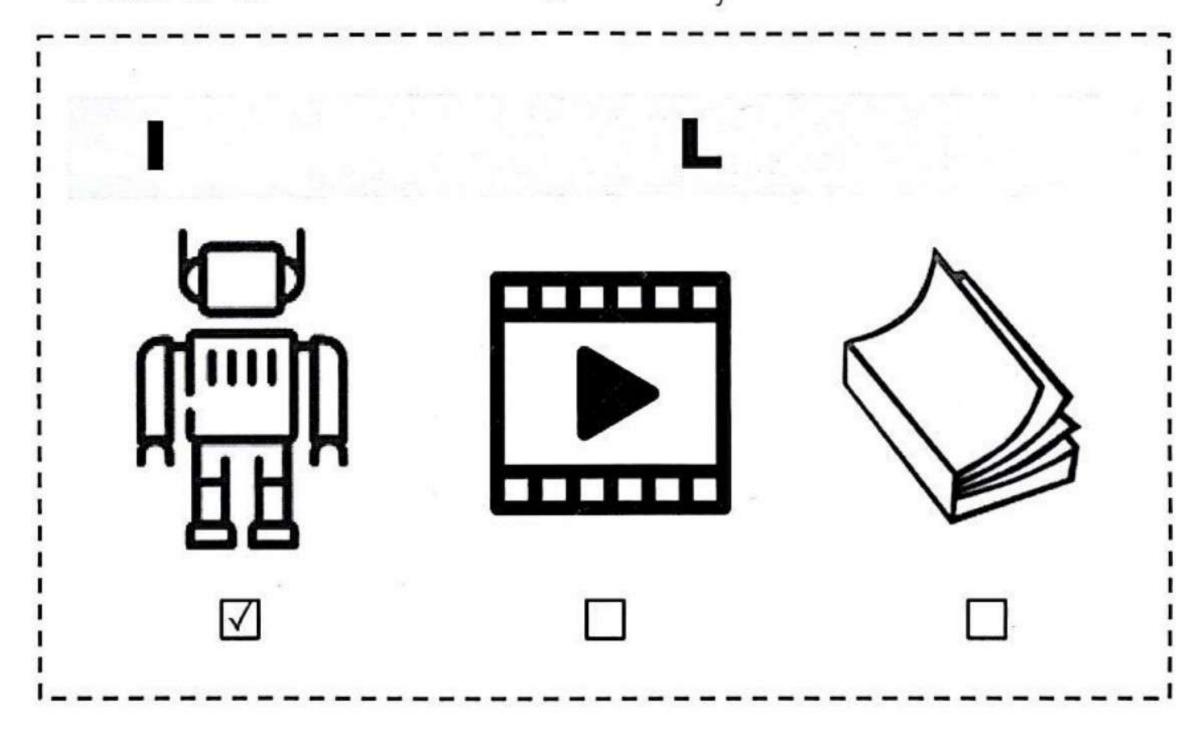
GROUP NAME & MEMBERS NAME (IF GROUP WORK):

1. Arissa Alyna Shah 2. Khiirtana Devarajan

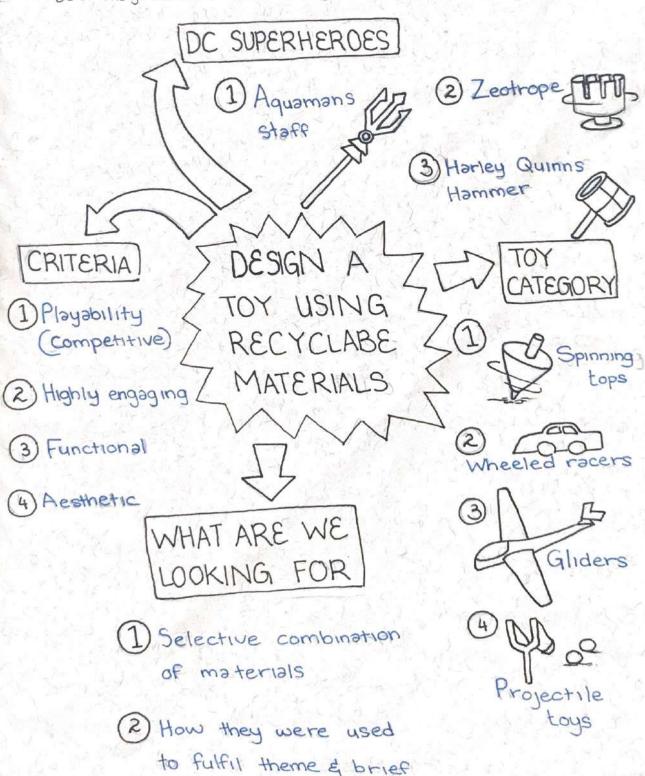
3. Carla Alverina Lee

4. Hanan AS-AD

5. Mathaath Ibrahim Sijau



O1. ASK! What are you supposed to make? (Do ask questions & find the answers. Make mind maps & categories your findings. 1-3 pages. Hand drawn & write but may include some digital images.)



O2. Examples of ideas & related info that inspire you & relatable to the assignments. (Why & how these examples inspire you? Justify & elaborate on each examples. Identify the interesting components. Give a conclusion for each the examples - why & what makes it interesting - & how it could help your final product.



2 Slingshot

Materials

Ø Old CD Ø Card board Ø Scissors Ø Old markers/Pens

Materials

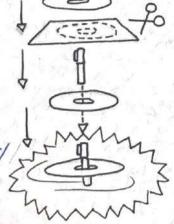
ø Plastic spoon ø Rubber band ø Hot glue ø Popsickle sticks

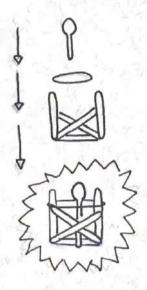
Directions

- 1) Stick popsickle sticks with hot glue
- 2) Use rubber band as sling
- 3 Place plastic

Directions

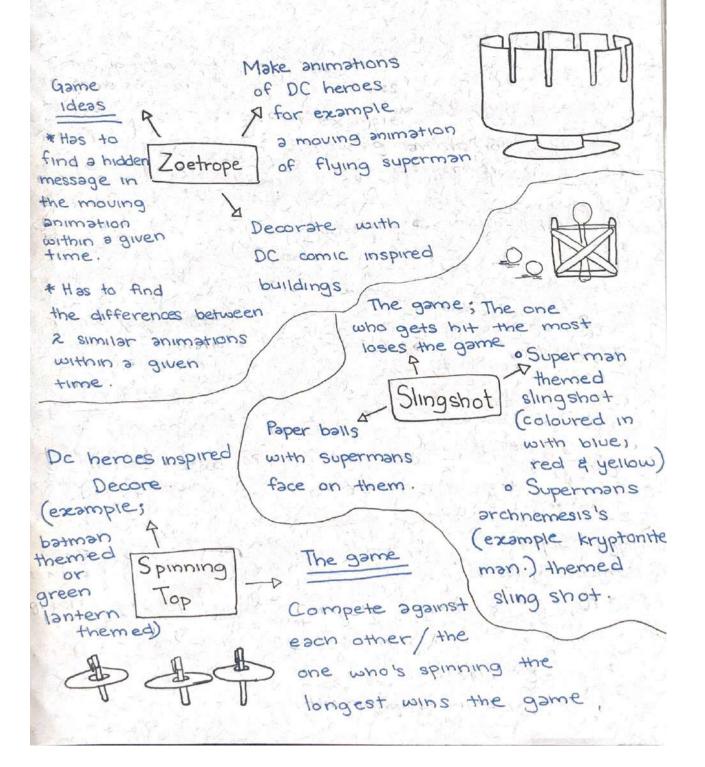
- 1) Trace old CD on candboard
- @ Cut it out
- 3 Can decorate using markers
- 4) Stick a marker





O3. What are the 3-5 ideas that interest you most?

Describe & elaborate your ideas here. (Make mind maps on each ideas that came up. Consider & elaborate on each ideas. 1-5 pgs.)



04. Refine your selected final ideas. Explain how much you make your final decisions etc. (Sketch up the final product. Write why you choose to make what you are making. What are the "Details" that make it interesting or working.)

FINAL PRODUCT

We decorated the zoetrope with The animation DC comic inspired would be inside buildings . Old twinkle lights are Spin it in installed for the animations inside 1 to move 00 00 A light is installed DC buildings for cleaver are stuck to the VISION Made from outside of the all recycled zoetrope for the To avoid it baber OC theme. from being tangled

05. In less than 100 words describe your final product of the briefly about the idea development.

The zoetrope is made from all recycled paper,
and lights. The animation spin the zoetrope the
animation inside will start to move, and it would
seem like a really short cartoon. It's DC
themed, so it'll have animations of DC
super heroes. Lights would be installed so that
the moving animation could be seen more
clearly. The zoetrope was inspired by the
spinning top.