

Making Learning and Beautiful Work Visible

*The real journey of
discovery consists
not of seeking new
landscapes but in
having new eyes.” –
Marcel Proust*



The intention of this booklet is to inspire quality in both display and curation to facilitate learning



When students, staff and visitors
walk into our learning space
what do they notice?

What does our space
communicate about who we are
and what we do?

Welcome to
my world ...



Visible Learning and Teaching
occurs when teachers see
learning through the eyes of
students and help them
become their own teachers.

John Hattie

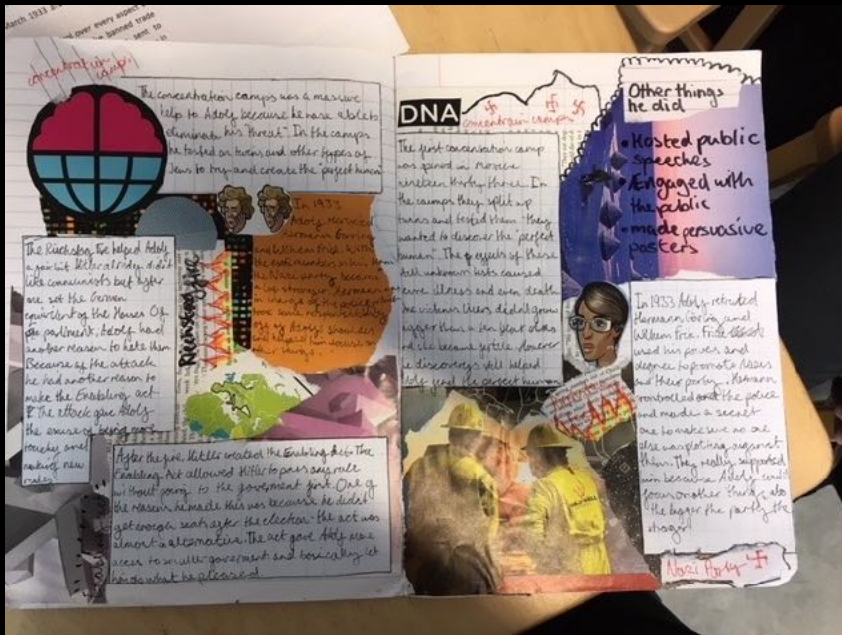
Consider
the Purpose



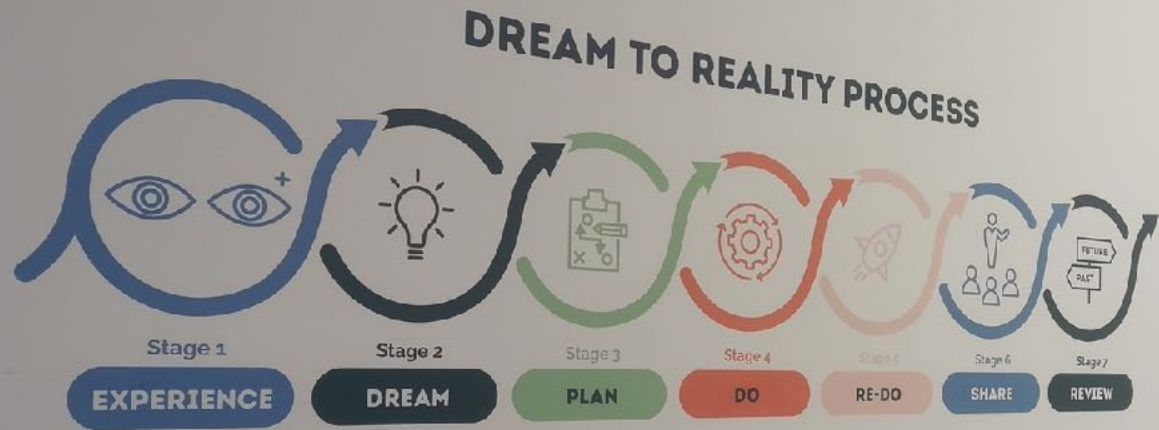
Consider the Audience



Show what great looks like



Provide
information
and guidance



It can be
dynamic and
just at the
right height



Tells you what is going on



WALK, RUN OR CYCLE AND PLANT TREES!

Walk200 for free with all events unless for every 100m that you walk/run/cycle if you prefer. The New School Institute will plant a tree for every 100m you walk/run/cycle as a community to join this wonderful movement, and register our actions up to 'Never Again' 2022.

Plant trees with us:

1. Download the app
2. Register for the cause by putting in the code "WALK200R22"
3. Search and join the "REAL School Buckleby" group
4. Start on a day whenever you walk/run/cycle

WHATSAPP PARENT GROUPS

Join our parent groups on WhatsApp to get the latest news and updates on all our events and activities. Scan the QR codes below to join the groups.

WhatsApp: 07800 823770



L3 PARENT FEEDBACK AND IMPROVEMENT EXPO

Monday 14 November 2022, 12.30-11.30

How can we improve Buckleby United in the City of Buckleby? Hear from our staff and parents.

12.30 - 12.45: Welcome and registration

12.45 - 1.00: Lunch and refreshments

1.00 - 1.30: Hear from our staff and parents

1.30 - 1.45: Hear from our staff and parents

1.45 - 2.00: Hear from our staff and parents

2.00 - 2.15: Hear from our staff and parents

2.15 - 2.30: Hear from our staff and parents

2.30 - 2.45: Hear from our staff and parents

2.45 - 3.00: Hear from our staff and parents

3.00 - 3.15: Hear from our staff and parents

3.15 - 3.30: Hear from our staff and parents

3.30 - 3.45: Hear from our staff and parents

3.45 - 4.00: Hear from our staff and parents

4.00 - 4.15: Hear from our staff and parents

4.15 - 4.30: Hear from our staff and parents

4.30 - 4.45: Hear from our staff and parents

4.45 - 5.00: Hear from our staff and parents

5.00 - 5.15: Hear from our staff and parents

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6.30 - 6.45: Hear from our staff and parents

6.45 - 7.00: Hear from our staff and parents

7.00 - 7.15: Hear from our staff and parents

7.15 - 7.30: Hear from our staff and parents

7.30 - 7.45: Hear from our staff and parents

7.45 - 8.00: Hear from our staff and parents

8.00 - 8.15: Hear from our staff and parents

8.15 - 8.30: Hear from our staff and parents

8.30 - 8.45: Hear from our staff and parents

8.45 - 9.00: Hear from our staff and parents

9.00 - 9.15: Hear from our staff and parents

9.15 - 9.30: Hear from our staff and parents

9.30 - 9.45: Hear from our staff and parents

9.45 - 10.00: Hear from our staff and parents

10.00 - 10.15: Hear from our staff and parents

10.15 - 10.30: Hear from our staff and parents

10.30 - 10.45: Hear from our staff and parents

10.45 - 11.00: Hear from our staff and parents

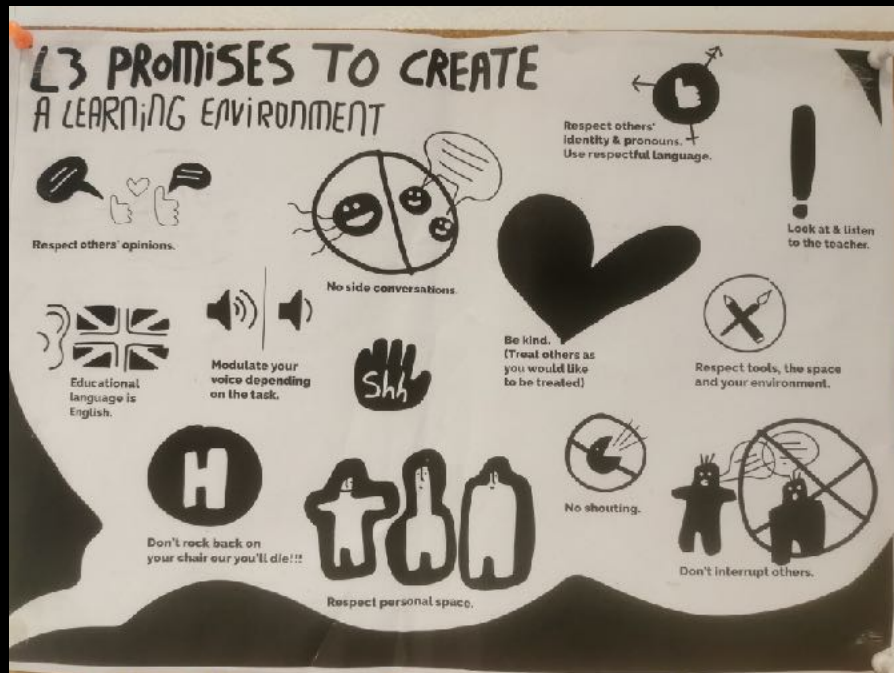
11.00 - 11.15: Hear from our staff and parents

11.15 - 11.30: Hear from our staff and parents

Great work can be framed











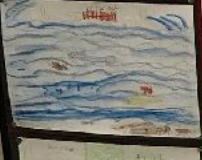


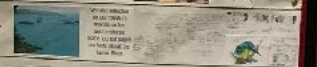







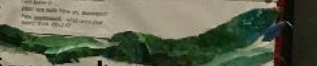
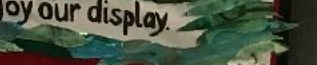
Shares our expectations



Shows a process

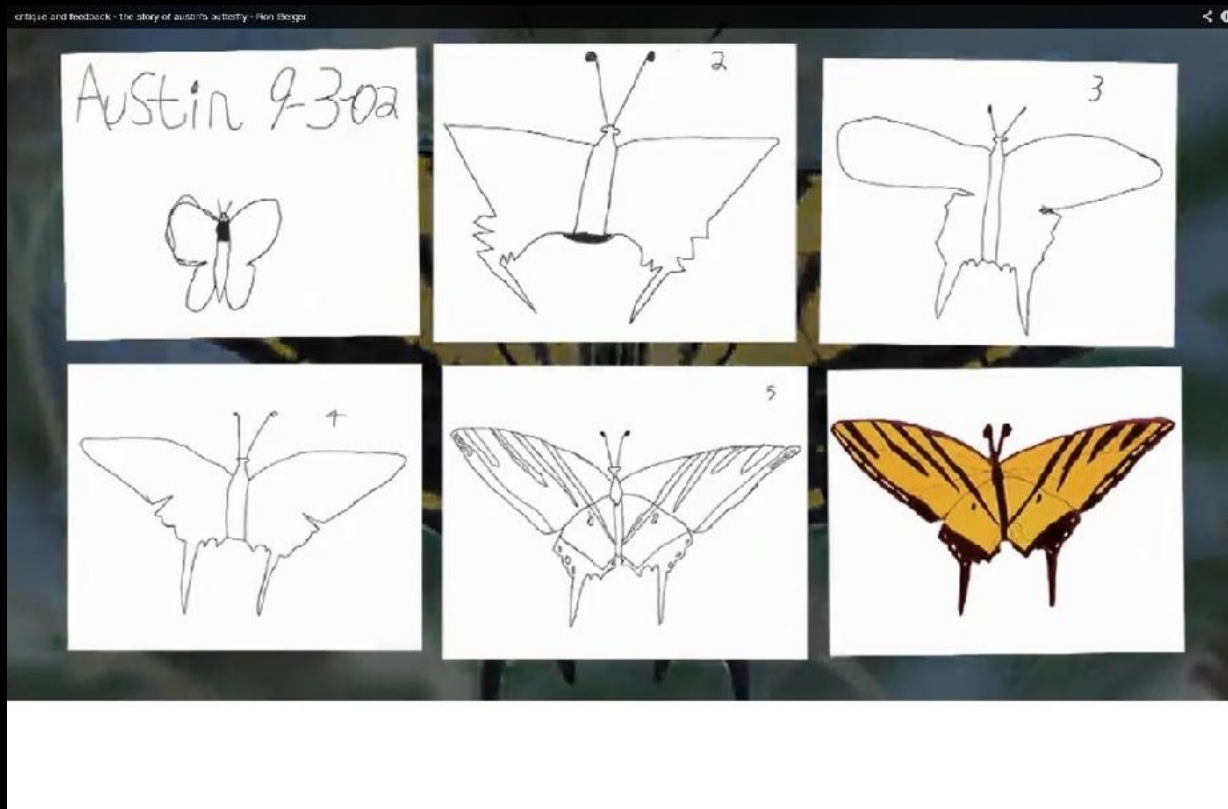
How are places and people different?

Dis group have been learning about the Tamar River.
How rivers are formed and about different types of creatures, fauna and flora that can be found there.

	Week 1 We learnt about the Water Cycle	
	Week 2 We learnt about different settlement types	
	Week 3 We compared Trade differences between UK & Japan	
	Week 4 We found out about the source of the River Tamar	
	Week 5 We checked our understanding of how a river is formed	
	Week 6 We found out about the mouth of the River Tamar	
	Week 7 What happens to the river when it reaches the sea?	
	Week 8 Tamar Discovery Trail Walk	
	Week 9 We produced some field pictures and some painting fish	
	Week 10 We finished off our small creatures	
	Week 11 Working on the Tamar Map for the London Exhibition	
	Week 12 Working on the Tamar Map for the Plymouth Exhibition	
	Week 13 We are finishing our display	

We hope you enjoy our display.

Shows how to achieve greatness e.g. model redrafting, assessment criteria



Encourages Feedback

Get things
if



I liked how the midel tables
are pushed together

from now.

I like the
variety of
and use of
dividers
spaces

Minimize the
about
dividers?



with big tables together, we would lose
table space in the middle

**presentation
area**



big tables

maybe a little bit more space with
kept table-arrang

mini tables

I like the mini
table and divider

library

I love
The many
chairs

**I LIKE
The 3 tables**

I like the
idea of some
individual
tables

I like the
individual
desks
-Me?

also like
how you described
things -Lara

you have
all off
will you use
the divider
too

I like the mini tables
-Seoniii

I love
your idea
of the three
big tables
-Lara are together!

If we
use both
dividers
the L1 space
would be
joined too. -Me?

Shows development of ideas and thinking



Tells us where we are



Provokes thought



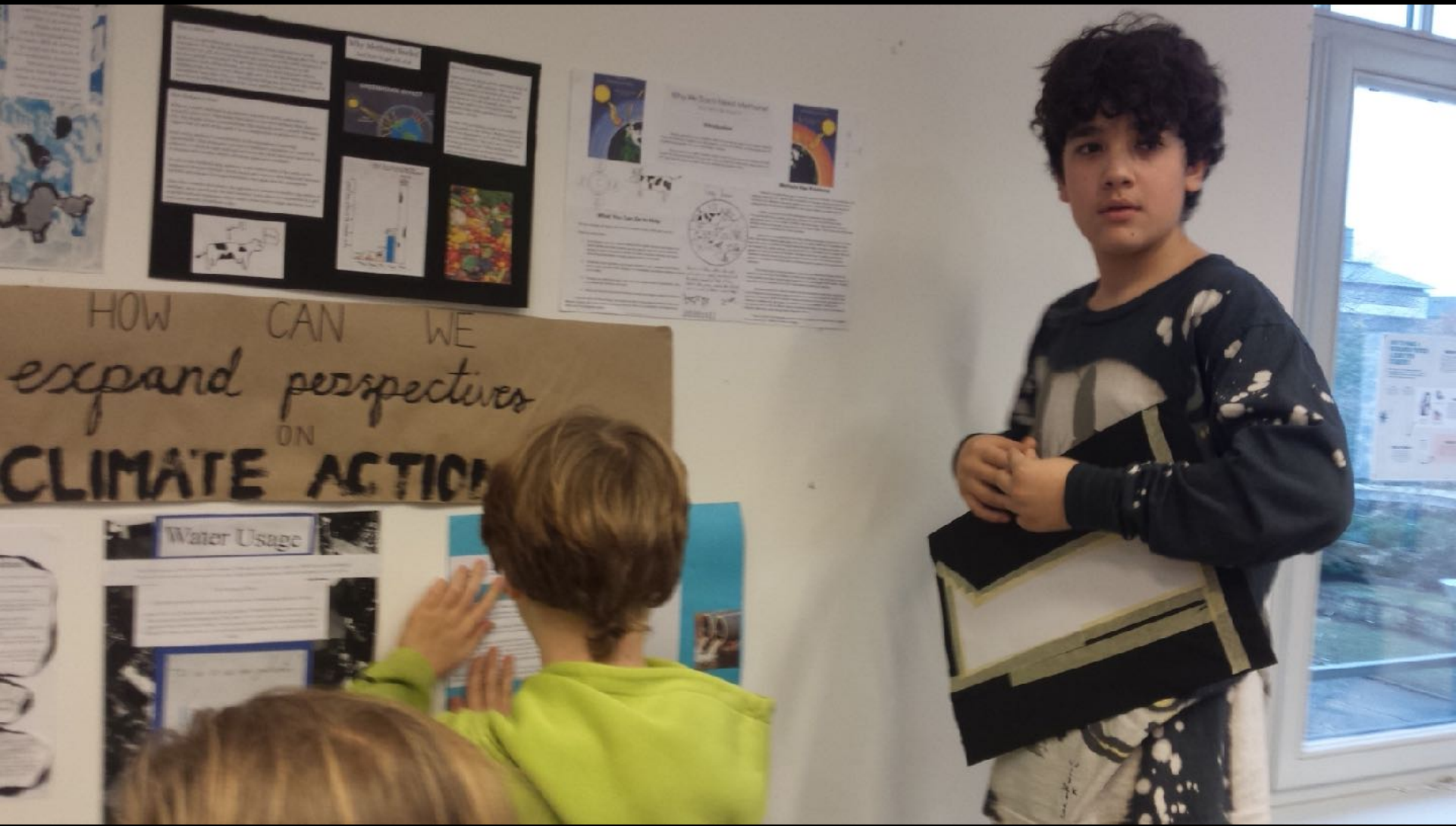
PALE BLUE DOT.
A pale blue dot. Our planet, Earth, is a lonely speck in the great enveloping cosmic dark. On it everyone you love, everyone you know, everyone you ever heard of, every human being who ever was, lived out their lives. The aggregate, our joy and suffering, thousands of confident religions, ideologies and economic doctrines every hunter-forager, every hero and coward, every creator and destroyer of civilization, every king and peasant, every young couple in love, every mother and father, hopeful child, inventor and explorer, every teacher of morals, every corrupt politician, every "superstar," every "supreme leader," every saint and sinner in the history of our species lived here... on a mote of dust suspended in a sunbeam.

Carl Sagan.

Makes you stop
and read



Asks a question ...



Connects shared
spaces...



Reflects the culture



Celebrates what we do ...



An inspiring quote shared by owl mail



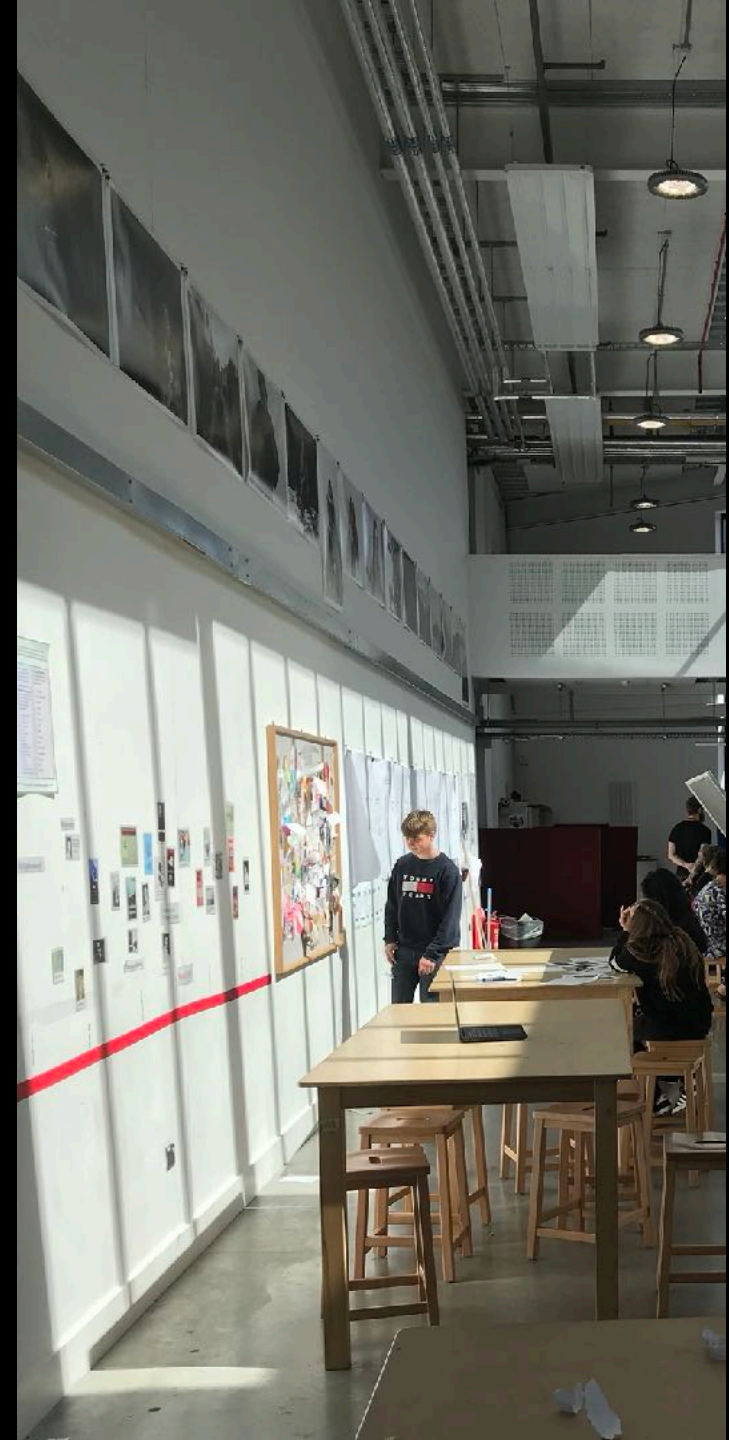
Promotes
values and
values effort

	NOVEMBER 7 - 11	NOVEMBER 14 - 18	NOVEMBER 21 - 25
ILLIA	SMILE	GIVE A MUG	Compliment someone
chind	write a thank you note	open a door for someone	make bookmarks for the
ATHICUS	Compliment someone	do an extra chore	SMILE
KATE	Compliment someone	smile	open the door to someone
HAANIYA	open a door for someone	write a thank note to a TEACHER	pick up litter!
Iris	Make bookmarks for library	Text a friend to say Hi	Say Thank you
HANNA	make bookmarks for library	Text a friend to say "Hi"	Say Thank you
Laura	OPEN A DOOR FOR SOMEONE	Say Hi to STRAN- GER	SMILE!
TIBCSI	29: WRITE INSPIRING NOT ES & STICK THEM ONTO CAP!	7. BAKE COOKIES!	45: COOK DINNER!

Shows work in development



Shows
process in
development



3-D?
Height?



It is memorable
and connects to
strong memories



8 Sept.-14 Oct.

Over the next 6 weeks, you will design and build your own mask that will represent you during our campfire ritual. You will learn how to depict your face with lines and shapes, you will discover how to design a more abstract, new face for yourself. After our tribal experience we will share our masks and our design process with our school community.

What masks do we wear?

Highlights where you are heading

I can...

...combine different images to make a new one.

...go from concrete to abstract.

...understand the difference between 2D and 3D planning and executing

...explore techniques that make me feel confident while creating my self-portrait.

...value collaboration.

...curate my work for an exhibition.

...explore and find materials I like and need to work with.

...understand and use my project process to build my mask.

...use my journal to record my planning process.





Final products:
2 Oct.: Finished mask
8-9 Oct.: Camp
14 Oct.: Expo


What do you notice about colour and materials?


FAMILY PICNIC

Itinerary: Food & Drink



2.45  welcome  temp check




3.00 presentations 
and feedback
1. Nosi 2. Hannah 3. Noah
4. George 5. Adel 6. Maia
7. Lajzi 8. Poli 9. Laura
10. Ina 11. Lazar

3.15 picnic 
- quilt, blankets, favorite food

3.45 mingling (talk 
+ feedback)

4.00 good bye / L1+L2

- muffins  - cookies  → chocolate
and chocolate
- popovers - energy balls
- chocolate cake 

- apple juice
- strawberry juice
- orange juice

- iced tea → ice
- lemonade → tea
sugar

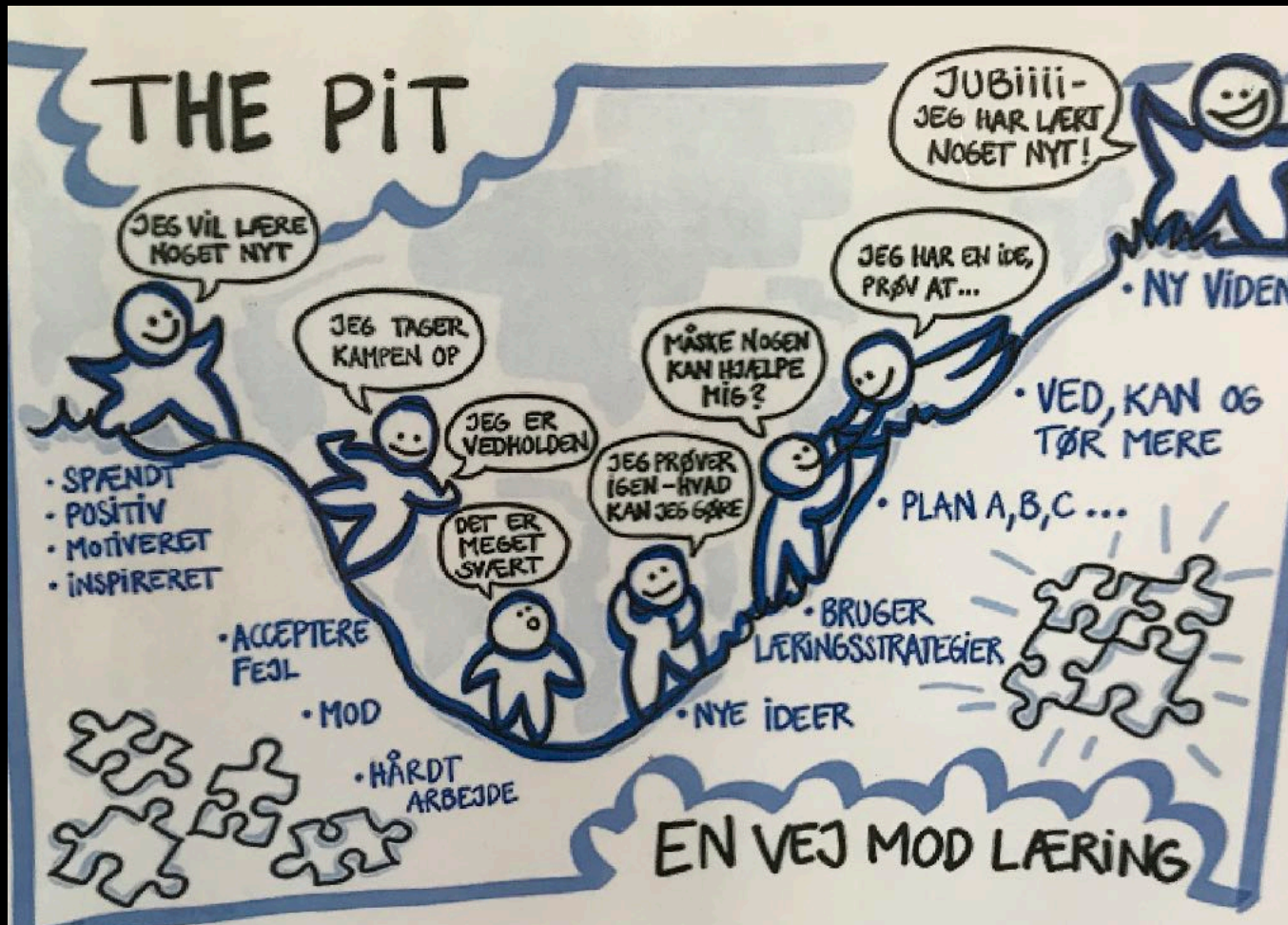
lemon
- butter (elder flower syrup)
- sparkling water
- ice



Sharing ideas and dreams



Explains the process of learning



Shares the process of our learning

PROJECT TIMELINE

10 animals that live in Hungary

1. STUAT MENNET
2. FROG BÉSA
3. SNAKE UJMO
4. SQUIRREL MOKUS
5. SPARROW VÉNYB
6. DUCK LUSA
7. FOX BÉKA
8. DEER ŐR
9. BAT BÉNYER
10. HEDSEHOS SÓR

WEEK 1 DATE: APR 7

WEEK 2 DATE: APR 12

WEEK 3 DATE: APR 19

WEEK 4 DATE: APR 26

WEEK 5 DATE: MAY 3

WEEK 6 DATE: MAY 10

WEEK 7 DATE: MAY 17

WEEK 8 DATE: MAY 24

WEEK 9 DATE: MAY 31

WEEK 10 DATE: JUN 7

WEEK 11 DATE: JUN 14

WEEK 12 DATE: JUN 21

How do we work in partnership to meet our goals?

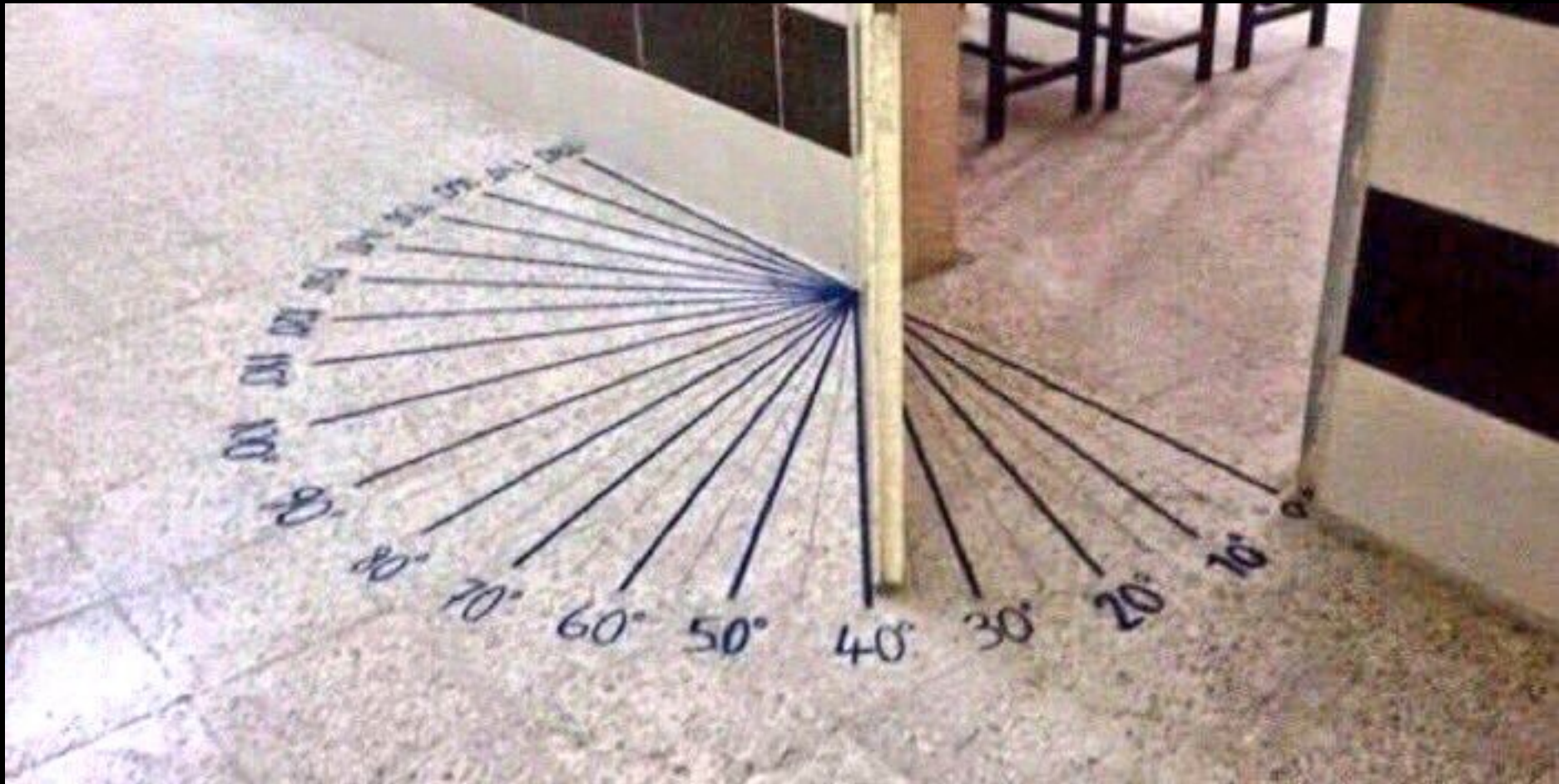
STORIES WE HAVE

- SZABÓ AI
- THE RAC
- LULSTA 2
- A LULSTA

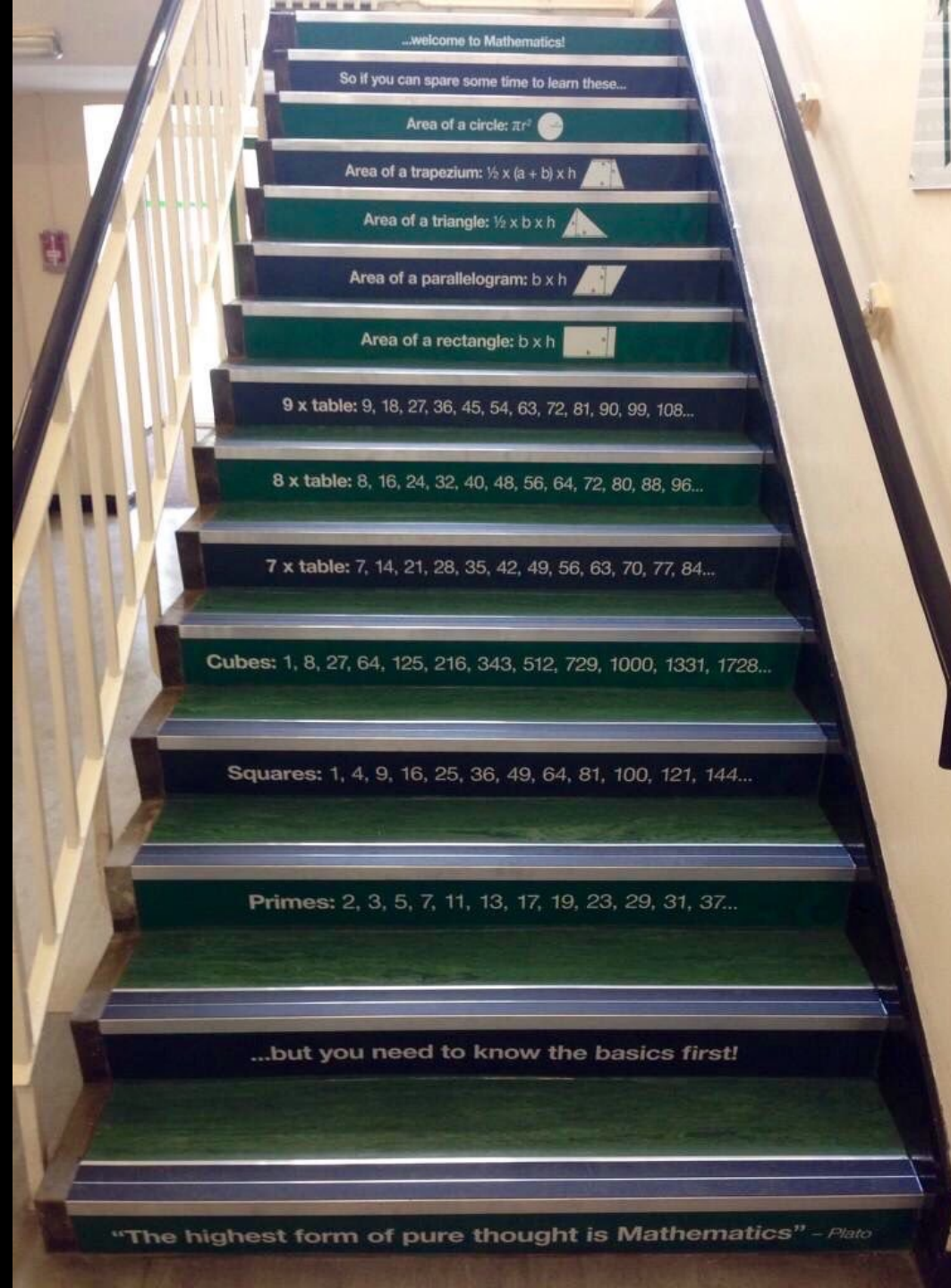
Can be used
for any area
of life

SESSION: COMBO	NAME: TEAM STEWICK	DATE: 9/9
MOBILITY		
DAVE (ANKLE D.F. + TRSP + SH.) <ul style="list-style-type: none"> • SH. BAND MOBS • ANKLE BAND MOBS. • CALF - STICK • QUADS - ROLLER • ROLLER / P. MATT / ROLLER 		CLAIRE (HIP + Lx, TRSP.) <ul style="list-style-type: none"> • HIP BAND MOBS. • BALL HIP RELEASE. • GLUTES - ROLLER • QUADS - ROLLER • ROLLER / P. MATT / ROLLER
FUNCTIONAL TRAINING		
GROUNDWORK	CORE: EMOM	KB: EMOM
<ul style="list-style-type: none"> • ROLL/PUSH - ROLL/OPEN • LIZARD FWD/BACK • ELEPHANT/WINDER • HIGH NINJA • SUMO TURNS 	TRX <ul style="list-style-type: none"> • LAYERS - 6 • OPENERS - 12 • ROW - 6 	<ul style="list-style-type: none"> • 2HS - 12 • THRUST - 6 • GOBLIT - 4
	x 6 1	x 6
SPECIFICS		
CIRCUIT - RUN STABILITY <ul style="list-style-type: none"> • BAND SQT - 12 • STICK BOX STEP - 6 P/L • BOZZ 1 LEG PASSOVER - 6 P/L <p style="text-align: right;">x 4</p>		
HIIT <p style="text-align: right;">TABATA 20:10</p> <p style="text-align: right;">ROPE \rightarrow 2 OF EACH = 4 x 2</p>		

Don't forget about Maths?



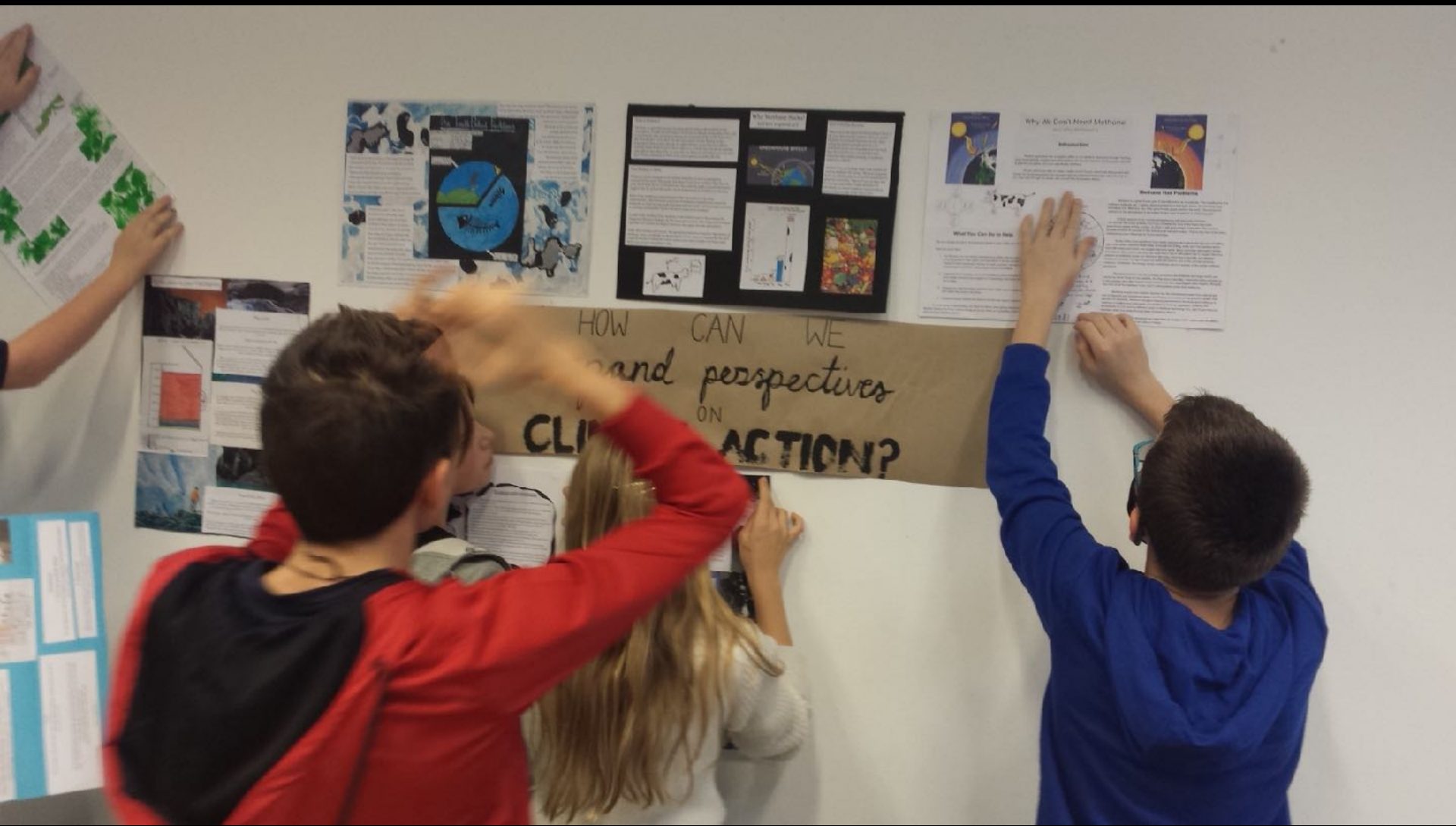
Ah yes, what
about Maths...



How do
we
involve the
students?



How do they get to curate learning?



Digital Screens can be flexible

Play to connect

- What was your prediction for your investigation?
- What are you expecting to see?



What learning
are you
supporting?

Who might
need this?



Look at infographics

THE COST OF FAST FASHION

From climate change to microplastic pollution, the global fashion industry has a huge and growing environmental impact on our planet.

10%



The fashion industry produces an estimated 8-10% of global CO₂ emissions

35%



About 35% of all microplastics entering the oceans come from washing synthetic clothing and textile waste

150 billion



150 billion garments were produced in 2012. Fashion brands now make twice as much clothing as they did in the year 2000

9000



Textile waste weighing the same as 9000 Eiffel Towers ends up in landfill or is burnt every year

32 million



The fashion industry consumes 32 million Olympic-sized swimming pools of water per year, much of it used to grow cotton

51%



More than half of the textiles used in fashion today are polyester, a synthetic fibre made from fossil fuels

Data taken from McDonnell, K et al (2014), The environmental price of fast fashion, *Philosophical Transactions of the Royal Society B*

Look outside of
Schools. Curation
in a gallery,
museum,
Street or ...



Mary Anning — the fossil woman

Some of the finest fossils in this gallery were found by Mary Anning (1792-1847) of Lyme Regis, Dorset. At the age of 11, she discovered a complete ichthyosaur skeleton in the Blue Lias rocks of Charmouth beach. Fossil hunting became a life-long passion, and Mary Anning earned respect from collectors and scientists alike. Sadly, the 'fossil woman' of Lyme Regis died of cancer at the age of 47.

Fossilized ichthyosaurs and plesiosaurs, preserved in Lower or Middle Jurassic rocks, have been found in many sites in southern England. Mary Anning is thought to be the first person to discover complete ichthyosaur and plesiosaur skeletons, and her remarkable finds are still studied by scientists today.

Portrait of Mary Anning by an unknown artist. Painted by Miss Annette Anning in 1832.

WC ...

What really?

Maybe not ...

but the real world ...



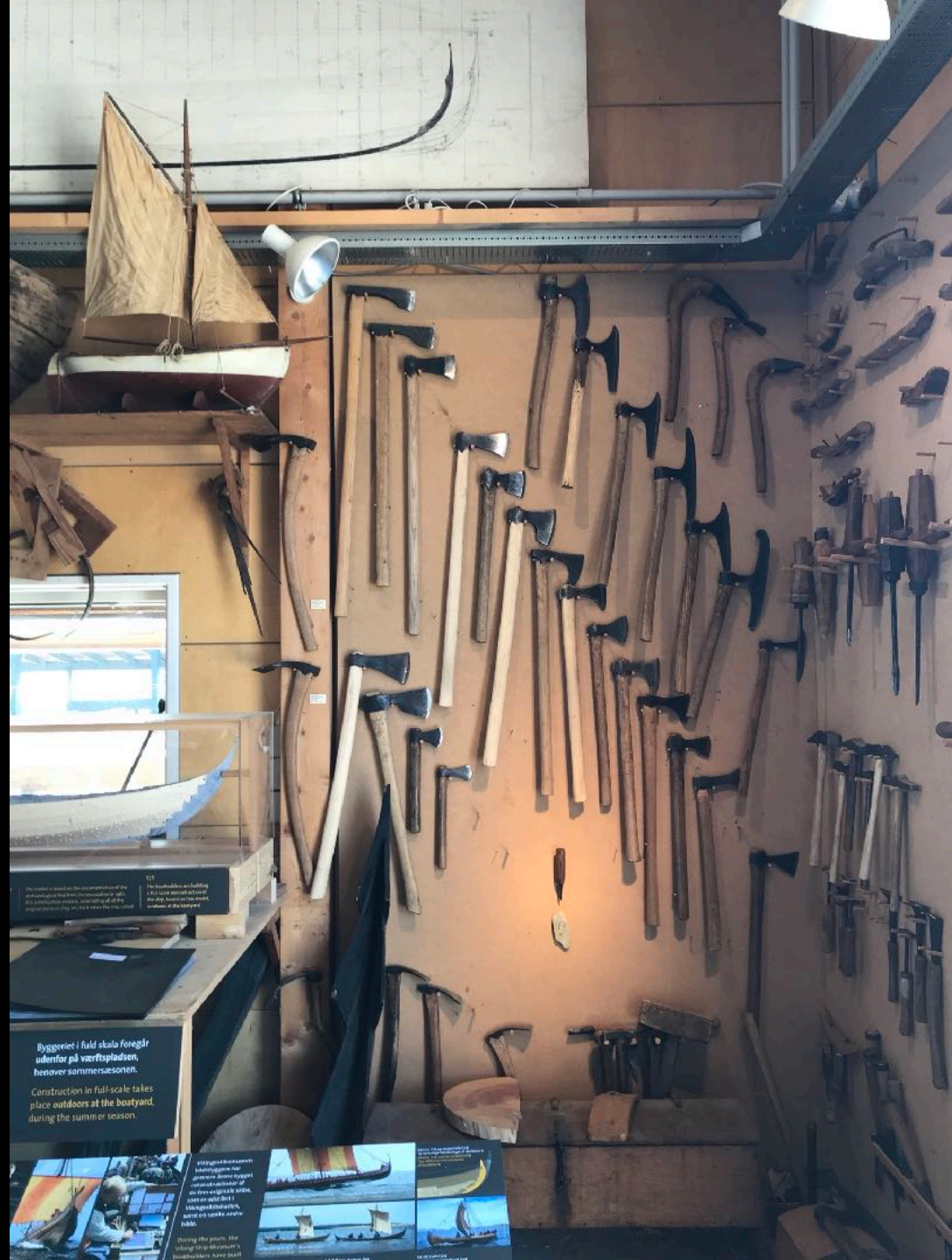
It draws you in...



It reframes the
everyday ...



Order and tools
can be stunning
and practical

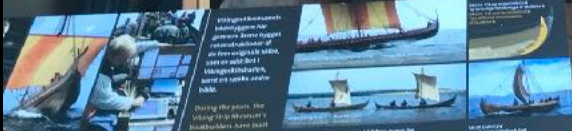


The model is based on the reconstruction of the boatbuilding workshop in the 18th century. It is a practical model, consisting of all the tools and equipment used in the workshop.

111

The boatbuilding workshop is a full-scale model of the workshop, based on the tools and equipment of the workshop.

Byggeriet i fuld skala foregår udenfor på værftpladsen, hæver sommerseizoen.
Construction in full-scale takes place outdoors at the boatyard, during the summer season.



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Construction in full-scale takes place outdoors at the boatyard, during the summer season.

An expression
of community
and peace



The words
entrance (an
opening, door
...) and
entrance
(something so
beautiful you
have to look)
are spelt the
same



How does a classroom become a museum?



How else
would you
curate Roman
shields?



How creatively can you display?



How do
you use
spaces
which get
taken for
granted?



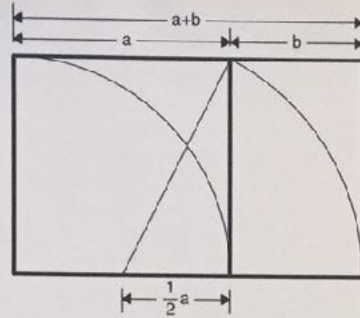
How do you use an artist to make an idea more engaging?



Almost forgot what about Maths...

The Golden Ratio

In classical Greek geometry, drawings were made without any scaled measurement tools, just a compass to draw circles and mark lengths, and a straight edge to draw lines. With only these tools, the Greek geometers could construct many kinds of geometric figures. Here is one construction they did, called the **Golden Rectangle**.



This particular rectangle has pleasing proportions to the human eye, and the parts of its length, labeled **a**, **b**, and **a+b** have some very special mathematical properties.

You may recall that a geometric mean is a value between two others, chosen so that the square of that value equals the product of the other two. For example, 4 is the geometric mean between 8 and 2, since $4^2=16$ and $8 \cdot 2=16$. We can express this relationship as a proportion, a statement that two ratios are equal. Here are a few proportions; the last one is from the Golden Rectangle.

$$\frac{8}{4} = \frac{4}{2} \quad \frac{9}{3} = \frac{3}{1} \quad \frac{80}{20} = \frac{20}{5} \quad \frac{1.61803}{1} \approx \frac{1}{0.61803}$$

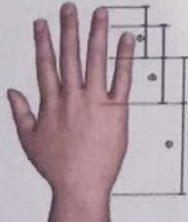
The proportions above all show a geometric mean, but only the last one also shows the relationship:

$\frac{a+b}{a} = \frac{a}{b}$. This is so special that $\frac{a+b}{a} = \frac{a}{b} = \phi$ is called the **Golden Ratio** or the **Golden Mean, Phi**.

3rd century B.C. Greek geometer Euclid put it this way, "As the whole line is to the greater segment, so is the greater to the less." This ratio, as shown in the proportion above, has the following value:

$$\phi = \frac{\sqrt{5}+1}{2} \approx 1.6180339887...$$

The Golden Ratio turns up in many places in mathematics, nature, and art. Here are a few examples:



photoshoptutorialsandtips.com



The Fibonacci Sequence

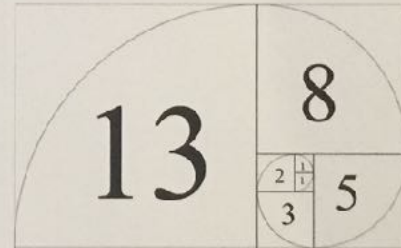
Fibonacci was a 12th century Italian mathematician, best known to the modern world for a number sequence named after him, commonly called the Fibonacci Numbers. He did not discover this sequence of numbers but used them as an example in his most important work, *Liber Abaci*. The sequence begins with two ones, and the next term is always found by adding the two previous terms.



1, 1, 2, 3, 5, 8, 13, 21, 34, 55, 89, 144, ...

The numbers in this sequence have special mathematical properties as well. If you take these numbers two at a time, in order, and compute their ratios, you approach the Golden Ratio. Note that each of these ratios is of the form: $\frac{a+b}{a}$. (That makes sense, doesn't it?)

If we look at the sequence geometrically, by constructing squares whose side lengths are Fibonacci Numbers, we approach a Golden Spiral.



Ratio	Value
1/1	1.00000
2/1	2.00000
3/2	1.50000
5/3	1.66667
8/5	1.60000
13/8	1.62500
21/13	1.61538
34/21	1.61905
55/34	1.61765
89/55	1.61818

The Fibonacci numbers can be seen in art and nature as well.



How high can you go?



Is this big enough?



What does
curation look
and feel like?



What does
curation look
like to a
reindeer?



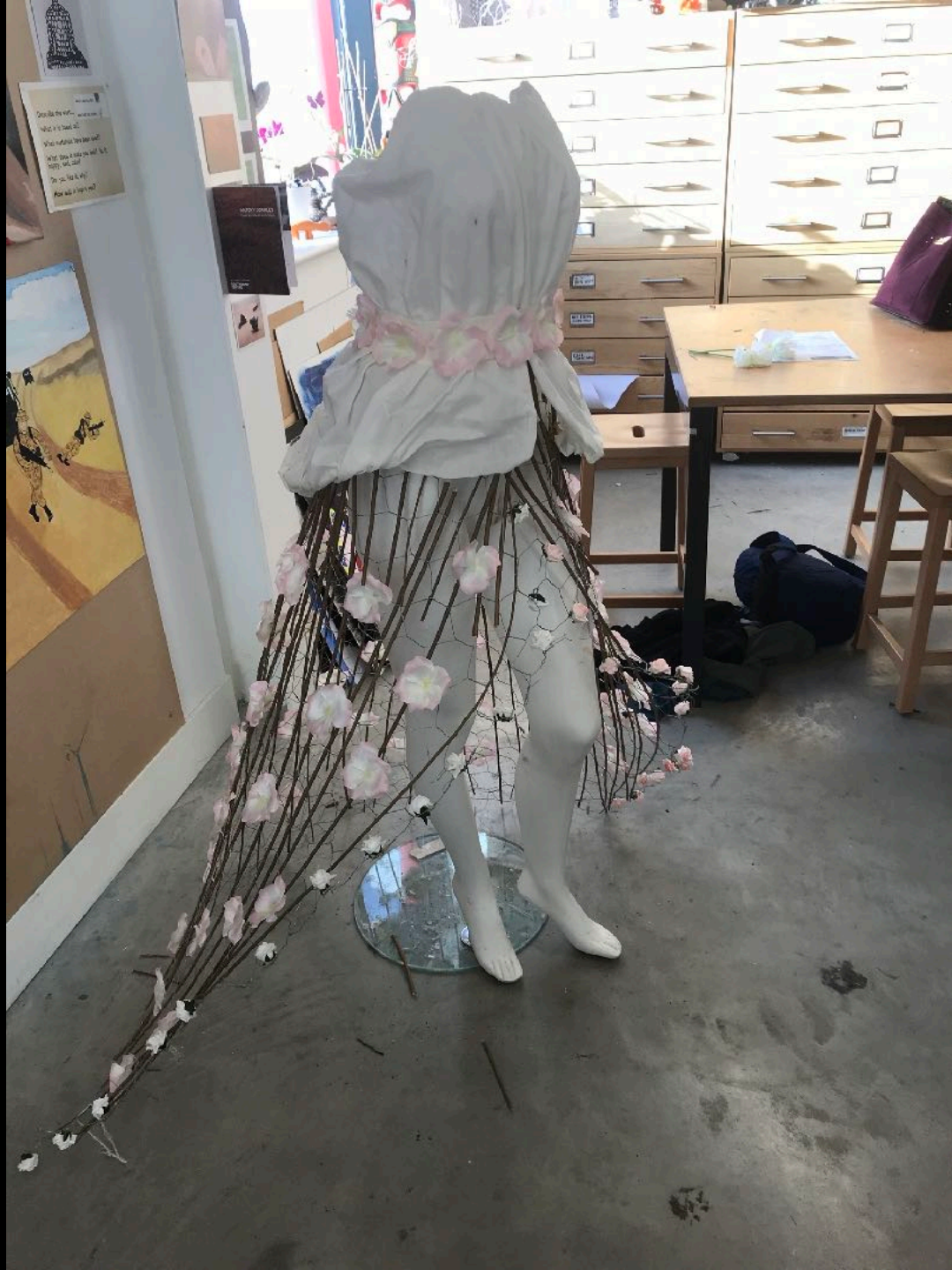
What story are you telling?



How can the student feel like an artist or designer?



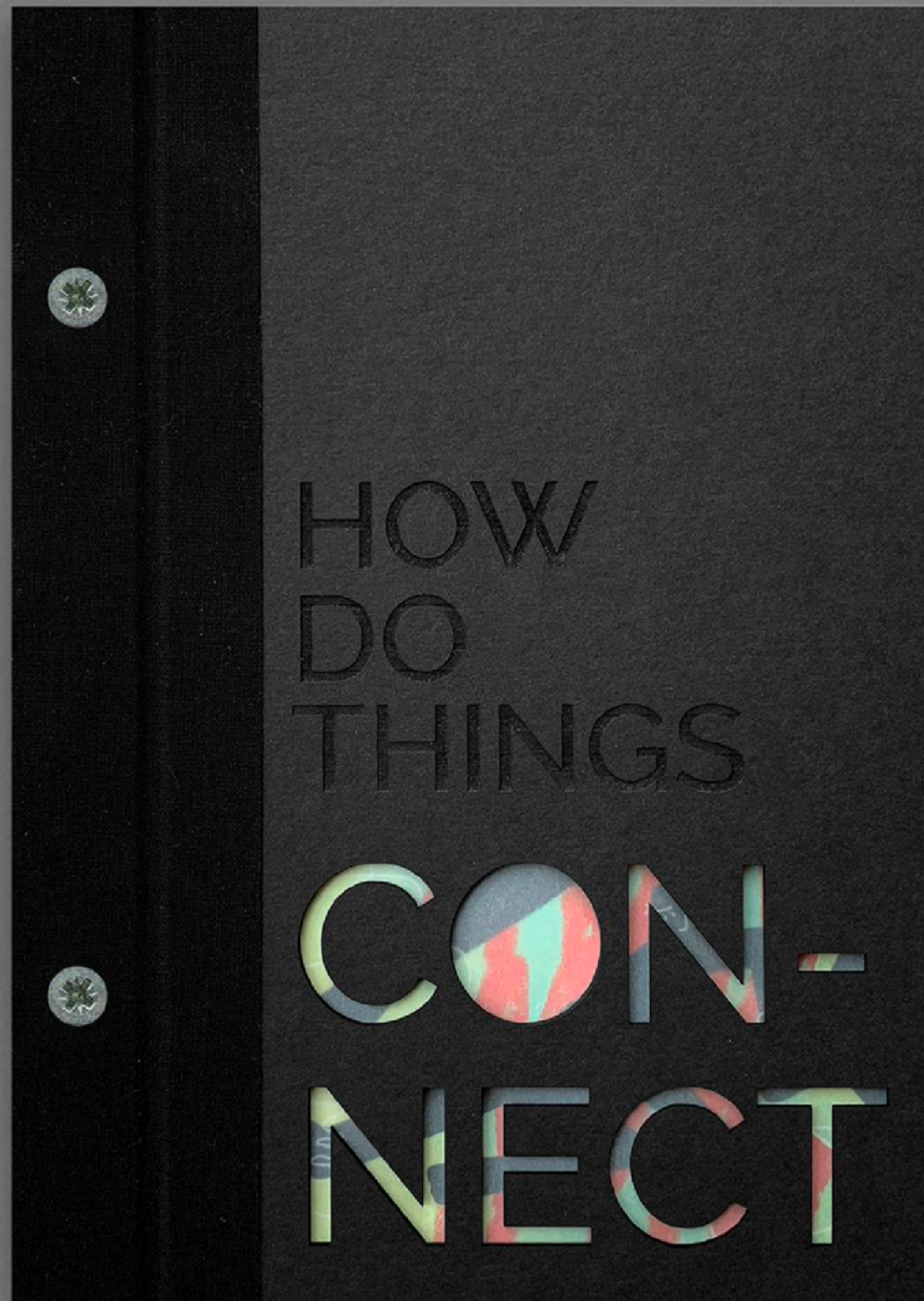
How can I be
the designer?



Will it stay up?



Does the
student feel
valued
because a
book has
been made
about their
work?



Does space and curation have a moment?



When is there not enough or too much?



Is there a balance of purpose?



It can be
random ...
create
energy



Is curation a
bit of a
chocolate
tea pot?



Be for big
boys and
girls too ...

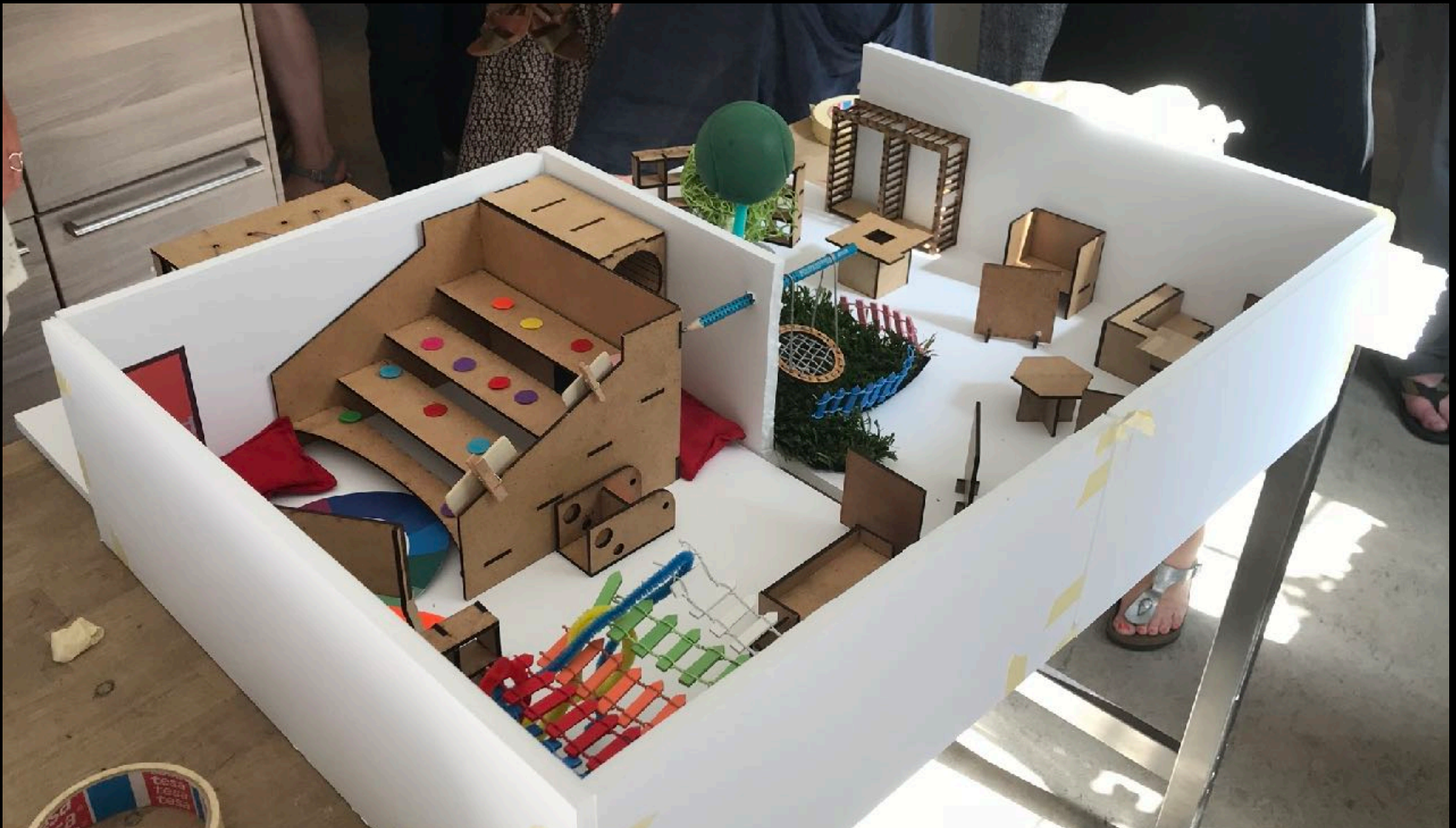


Captures and supports our learning

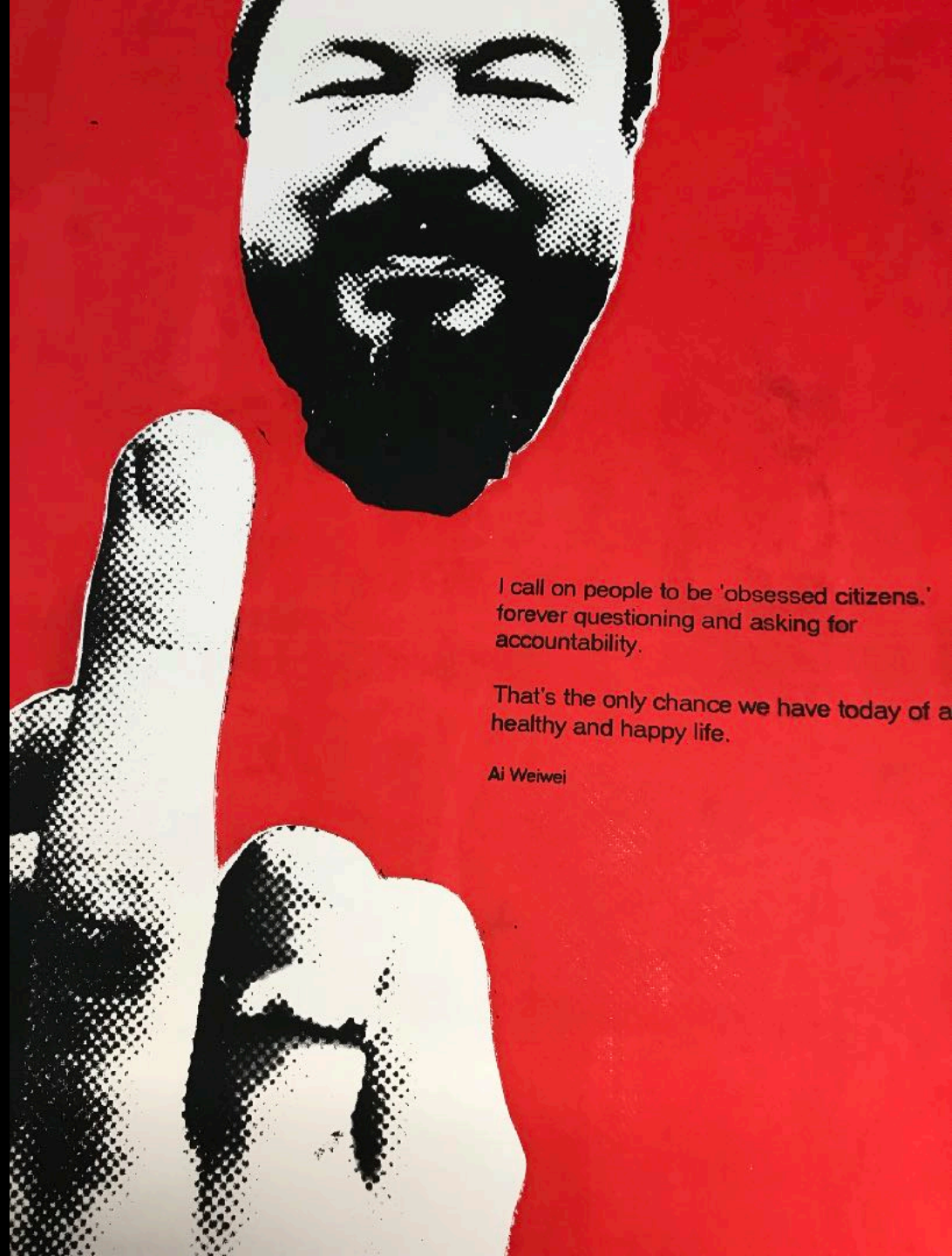
...



Reflects team learning too ...



Who leads in
and office
with this on
the wall?



I call on people to be 'obsessed citizens,'
forever questioning and asking for
accountability.

That's the only chance we have today of a
healthy and happy life.

Ai Weiwei

100 Square

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

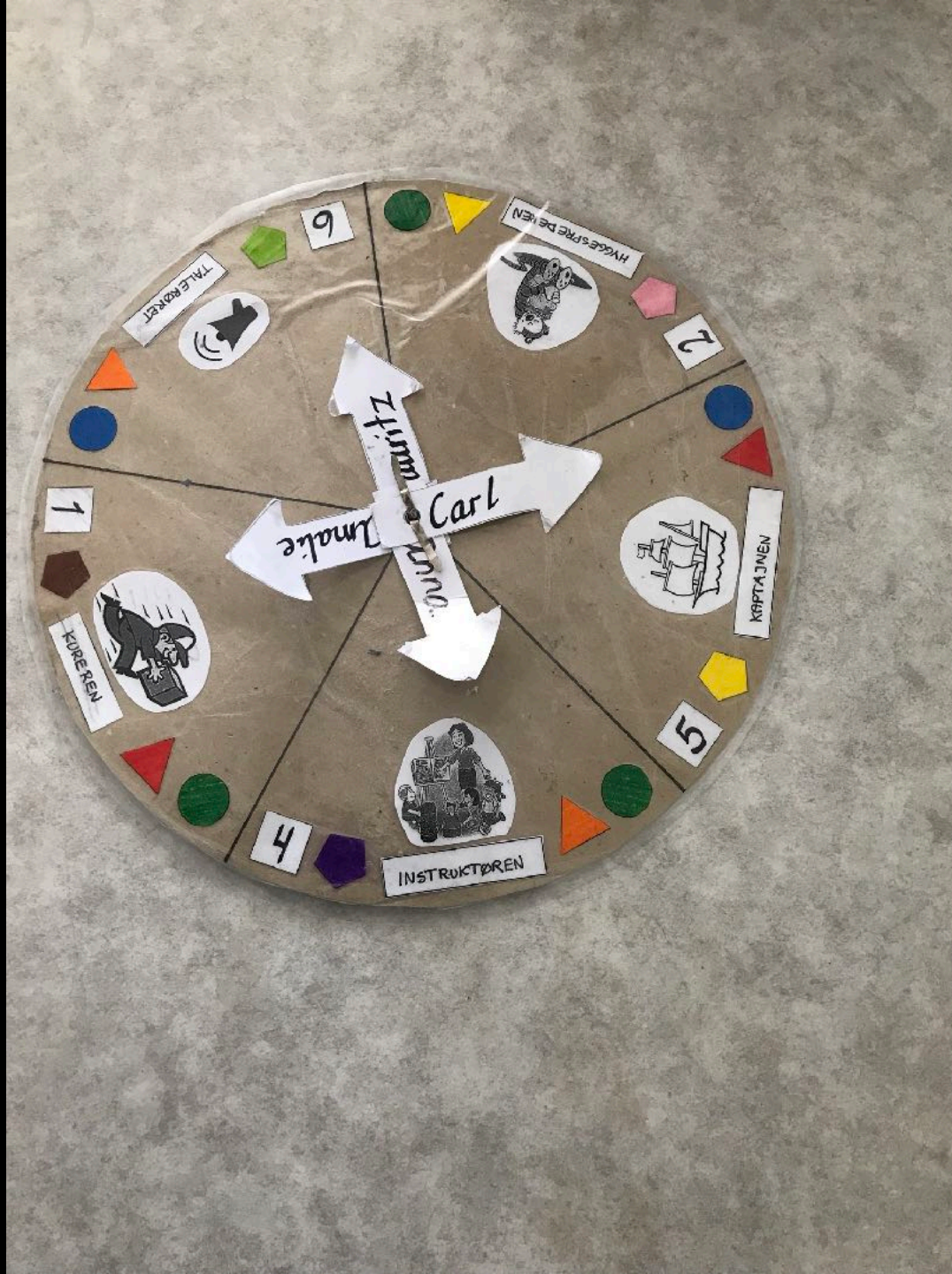
What ready
made
things might
be helpful?
Did I
mention the
Maths ...

Who needs a map?



What learning
are you
supporting?

Who might
need this?



Can be a portable teaching aid



So what do you want display to do?

Motivate and inspire?

Scaffold or promote learning?

Support the Ethos of the School?

Create engagement?

Tell a story?

or do something else ...

Go on a walk around and look for ideas



Don't forget about cats



But keep the most important things
close to our hearts



Why Display and Curate?

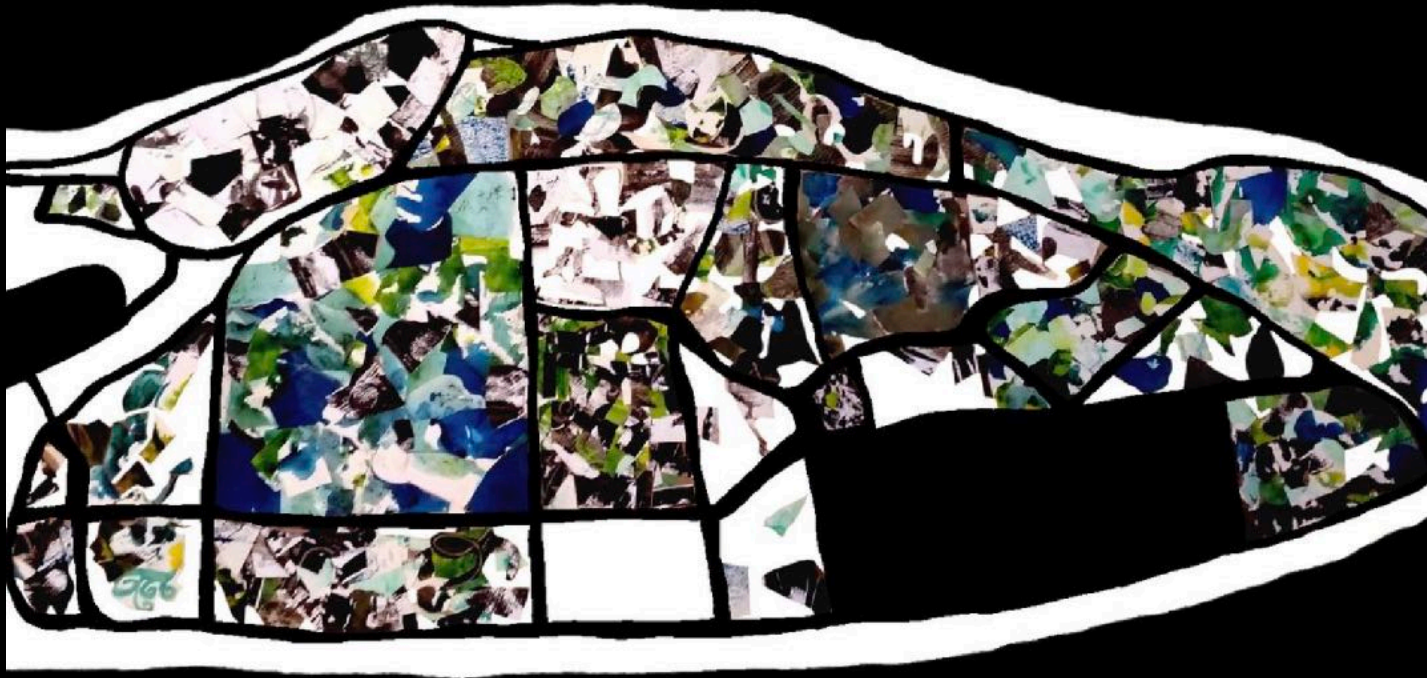


What do you want to capture or promote?



How will this be done and by whom?

WONDER TRAIL of Obuda Island



REAL School Wonder Trail

[Install 387 MB](#)

A collection of poetry and short films from the students of REAL School Budapest. October-December 2020

What Impact will you have?



Learning to live life beautifully

Notes:

Learning to live life beautifully

Notes:

Learning to live life beautifully

Notes:

Learning to live life beautifully

Notes: