

what can I do right away, tomorrow, to make my space a better place for learning



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what can I do right away, tomorrow, to make my space a better place for learning

noise and sound

CO2 levels

food

temperature

writing & reading

light and lights

tech and screens

walls & windows

seating & standing

zoning

playfulness

teacher's desk

user manual / protocols

outside

connected



## CO2 levels

lower than 2,200 parts per million is acceptable, higher is damaging



open up windows where and when possible - leave doors open too

get students to measure around the school - especially exam / test rooms



BYO— bring your own plant

use many plants to swap CO2 back to oxygen - hydroponic walls, or even just BYOP - kids all bring their own plants, give the plants names, make it a bit competitive... set the pot colour (white?)





## temperature

2

sweet spot for learning is between 18° - 21°C

help students to be temperature aware

get students to measure  
around the school -  
especially exam / test  
rooms - use digital or  
traditional max - min,  
thermometers



green walls are cooling



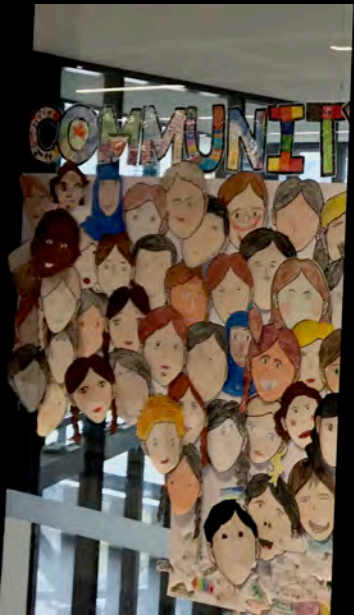
get upper windows / skylights to  
open again - eg clear paint off





## light and lights

lower than 500 lux will give attention, behaviour and cognition problems - nearer to 1,000 is ideal



clear all paper off glass



open all blinds - start replacing dim IVBs with bright flat panels



replace fluorescent tube with direct swap LED pure white ones



repaint some walls with this - much better light reflection



get the kids to survey all spaces and see where the most urgent change is needed

and learn outdoors more, where possible

## walls & windows

4

declutter - make many of them writeable

show process not  
just “finished” so  
others can too

timestamp wall displays



writeable walls



writeable windows



use Edding 4090 chalk pens, lumo colours



## zoning

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zones clearly differentiated by furniture, function, protocols

comfortable reading



tiered seating - direct instruction and more

Harkness table





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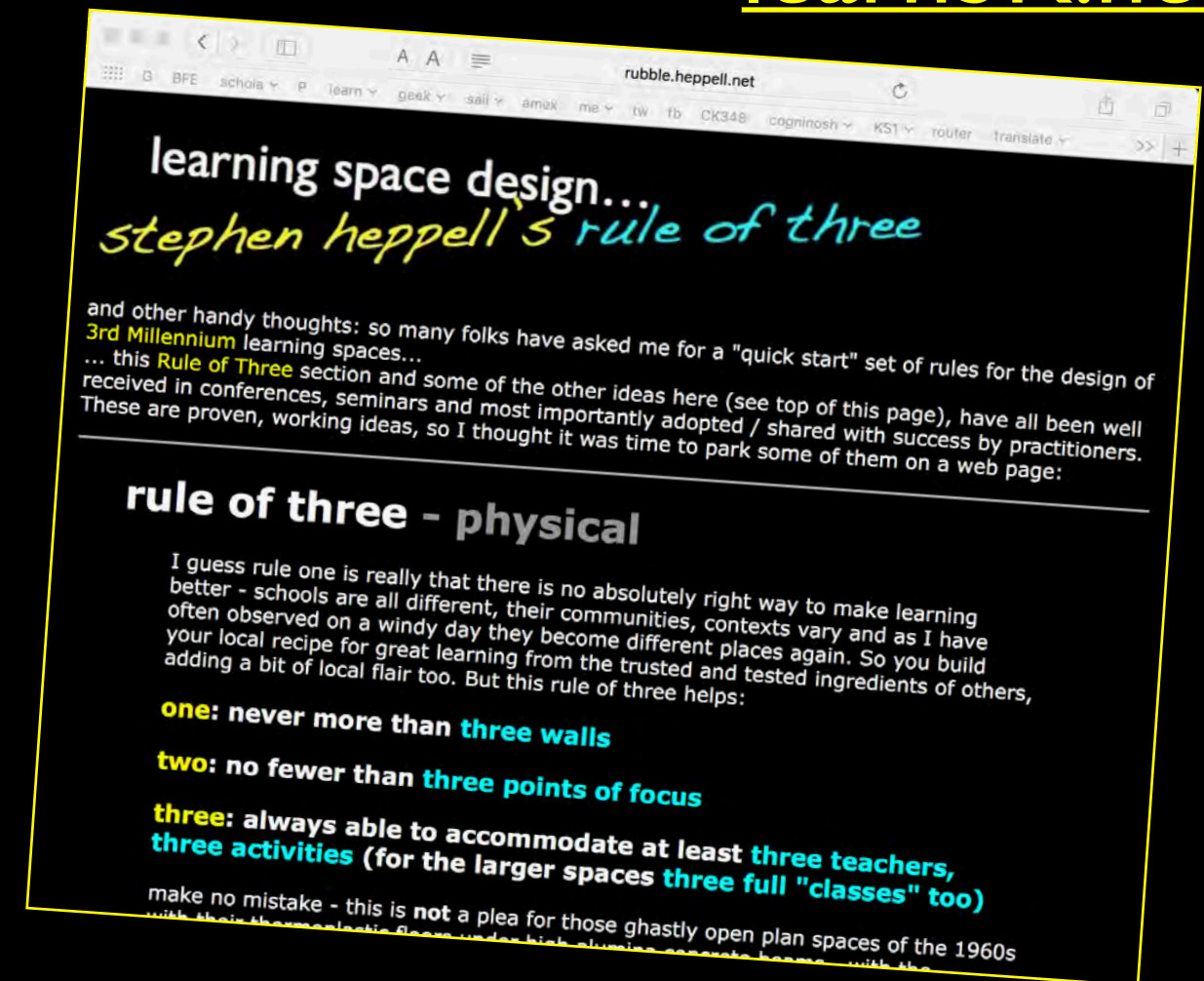
## teacher's desk - lose them

6

...take up huge amount of space, emphasise “only one direction” and a teachers’ “power zone”. They are poor for storage

[learn3K.net](http://learn3K.net)

build (IKEA plus wheels) - or buy.  
Needs some lockable storage



aim maybe for three points of focus

this from [learniture.co.uk](http://learniture.co.uk)

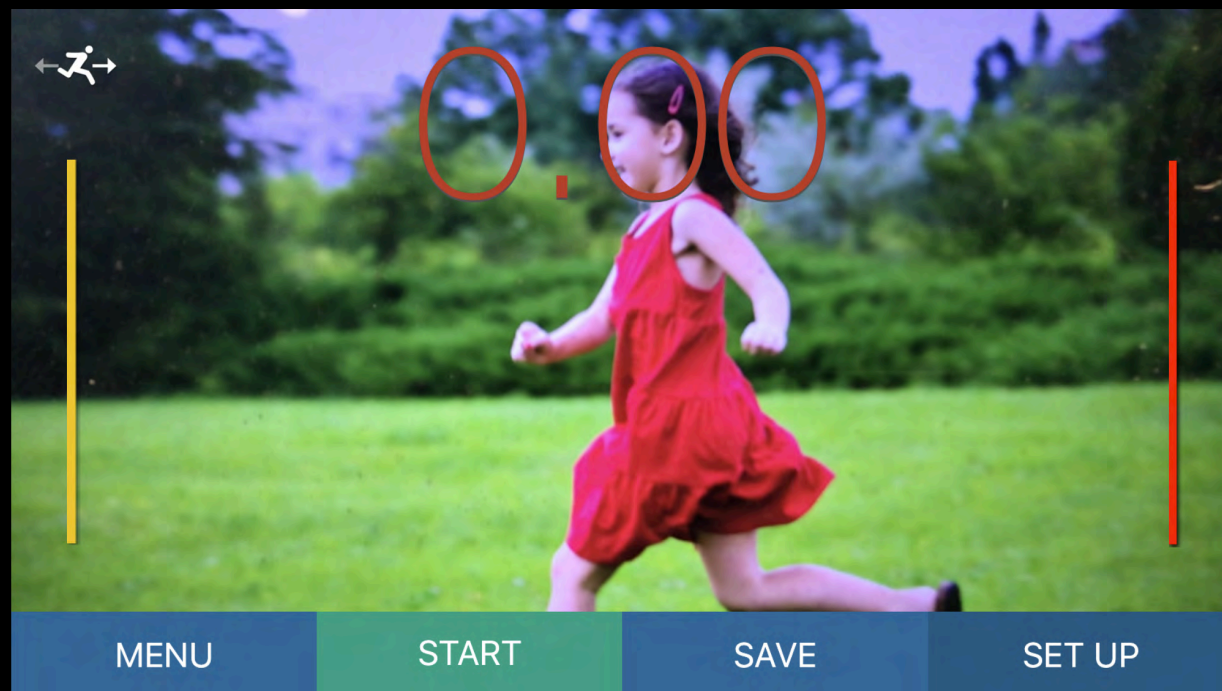
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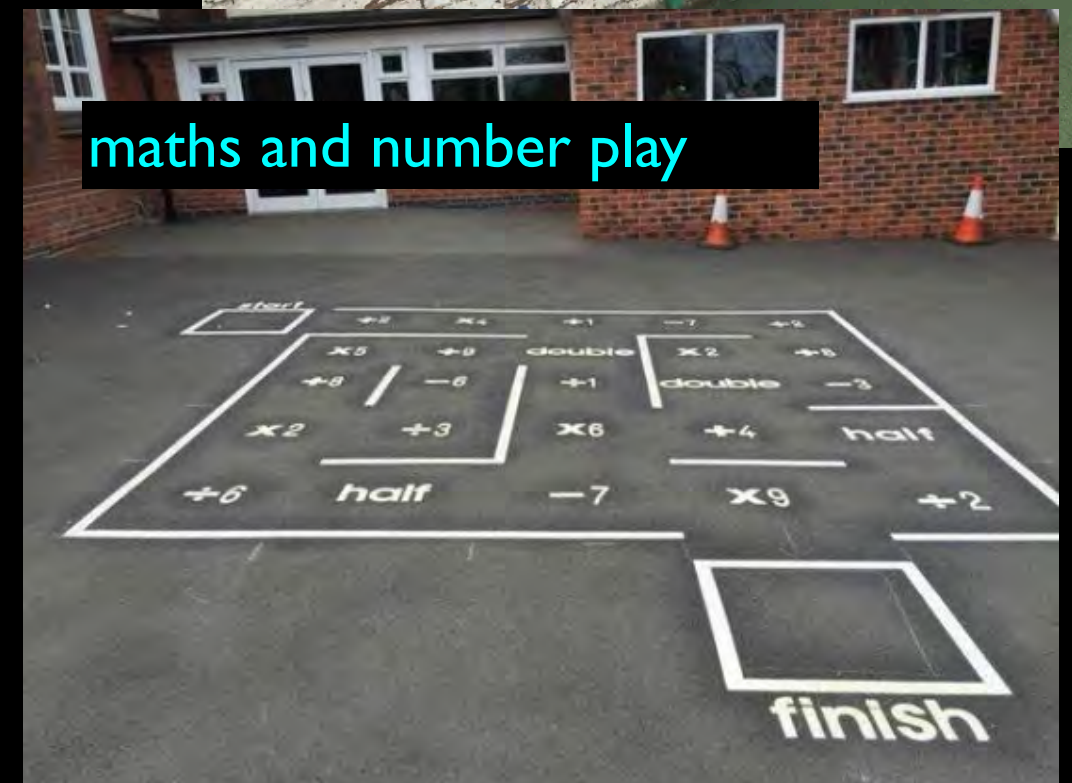
# what can I do right away, tomorrow, to make my space a better place for learning outside

7

celebrate the great light and air, the “safe” adventure, add number



tablet / phone to measure running speed





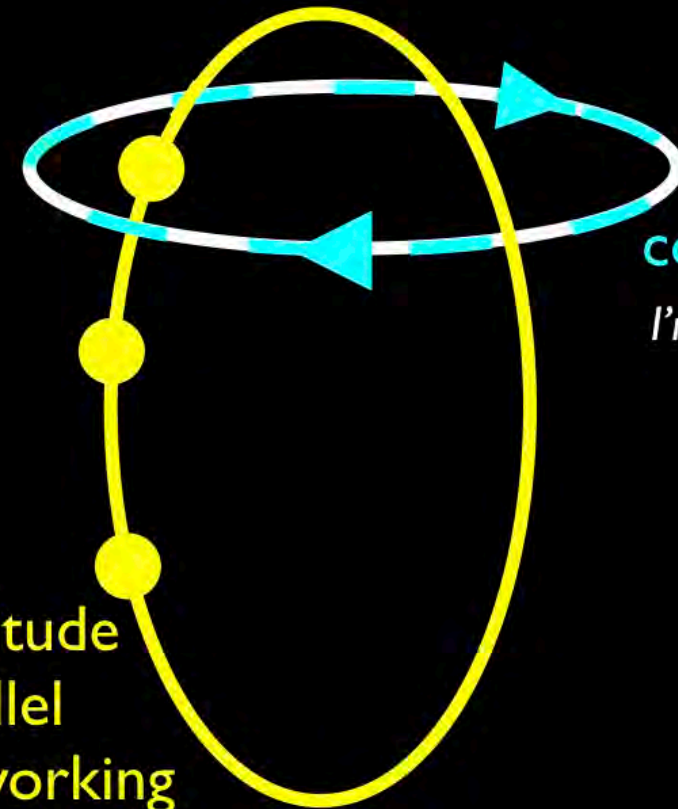
# what can I do right away, tomorrow, to make my space a better place for learning

connected



timezone clocks

Chennai - India



latitude  
serial  
co-working  
*I'm done, it's over  
to you now*

longitude  
parallel  
co-working

*let's do this together!*

global co-working

8

who we have skyped or tweeted with



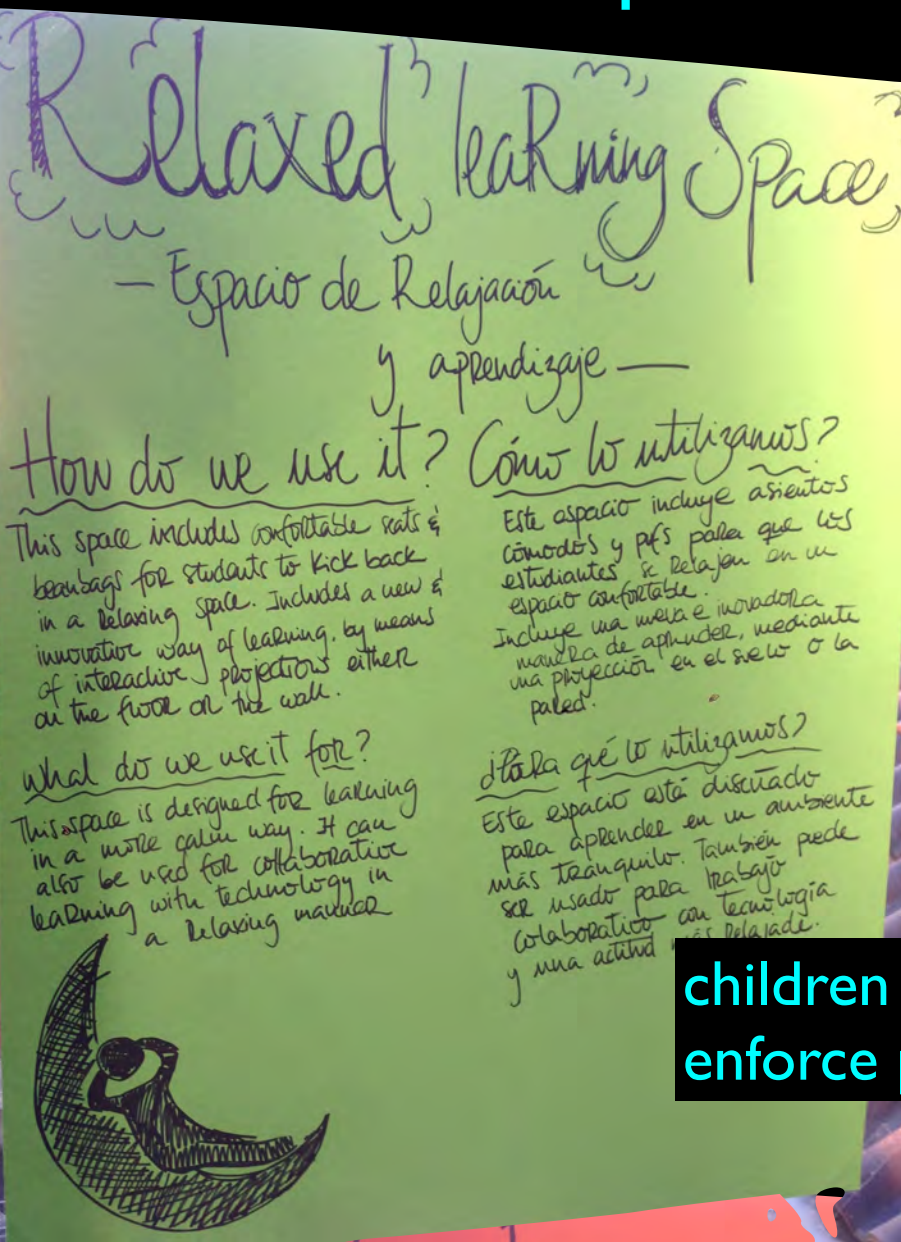
skype bar at the edge of the learning space





## user manual / protocols

download “user manual” for  
agile spaces for colleagues  
from: [learniture.co.uk](http://learniture.co.uk)





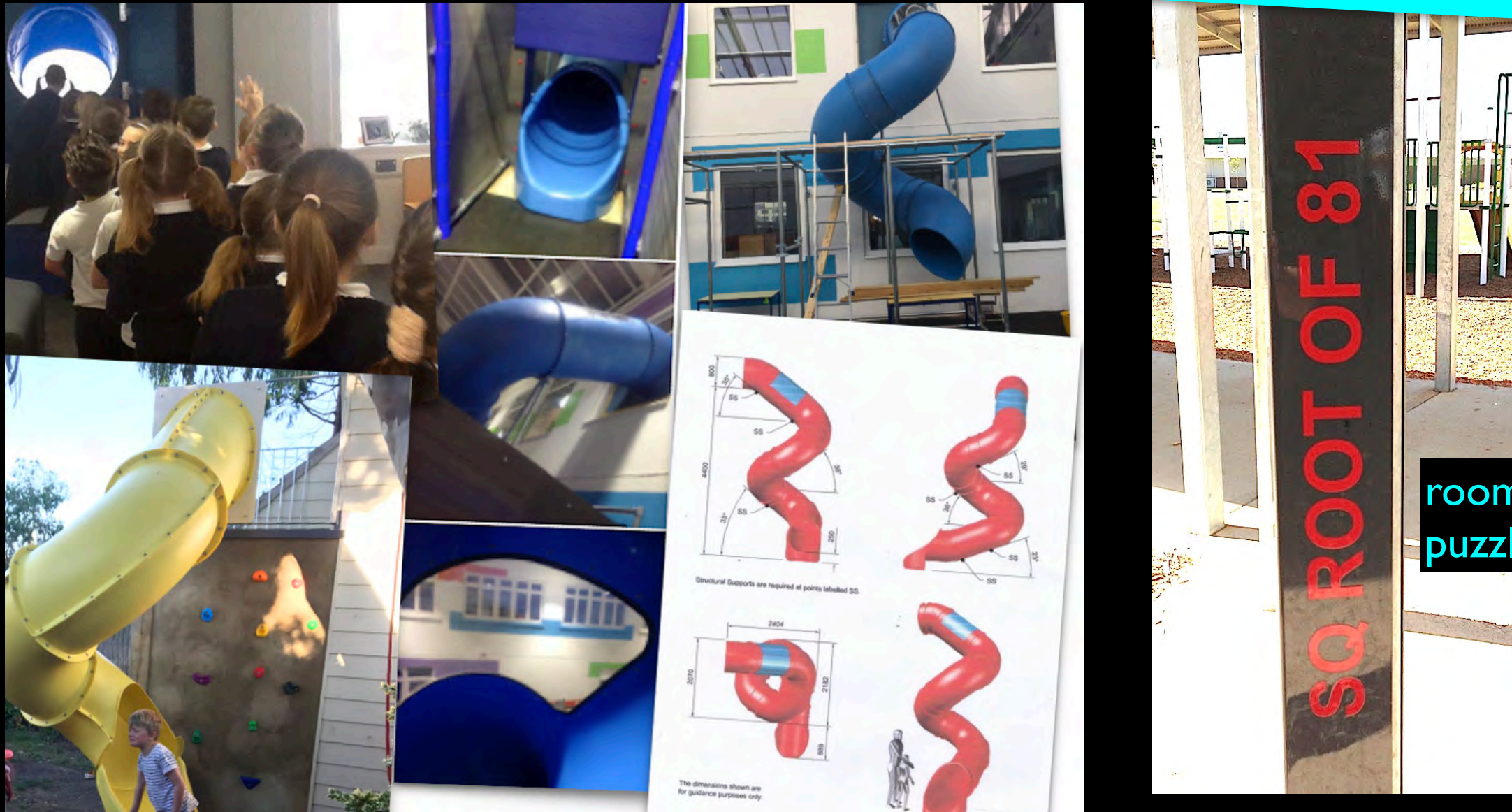
## playfulness

10

important cognitive reasons for play - and for adding “the unexpected” to their learning lives

exit slides - safe and exhilarating

example:  
Thinking Thursdays for Team  
GB Olympic Hockey squad





what can I do right away, tomorrow, to make my space a better place for learning

II

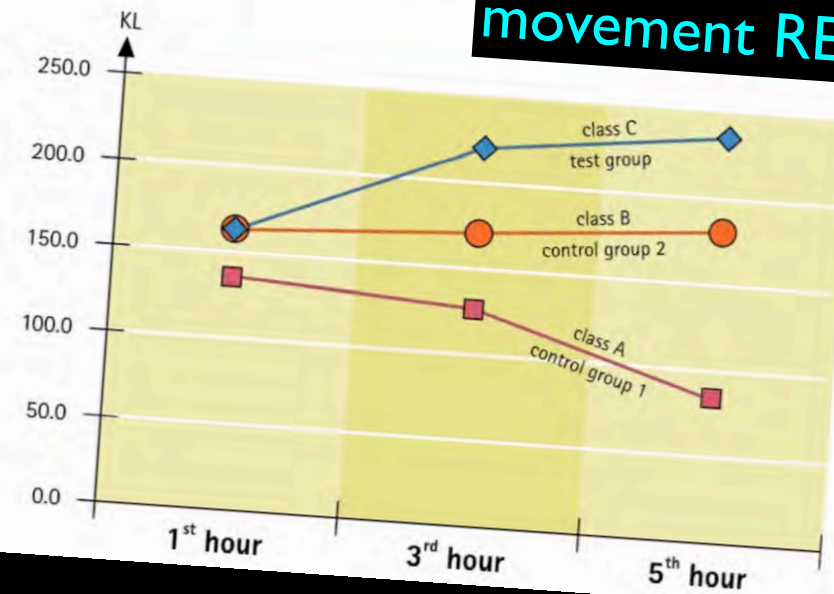
## seating & standing

standing desks



### Concentration-performance value (KL) in the attentiveness-strain-test

changes in the course of a school morning (Dordel/ Breithecker 2003)



survey where kids read at home...



kinetic furniture

compulsory  
running lanes



## tech and screens

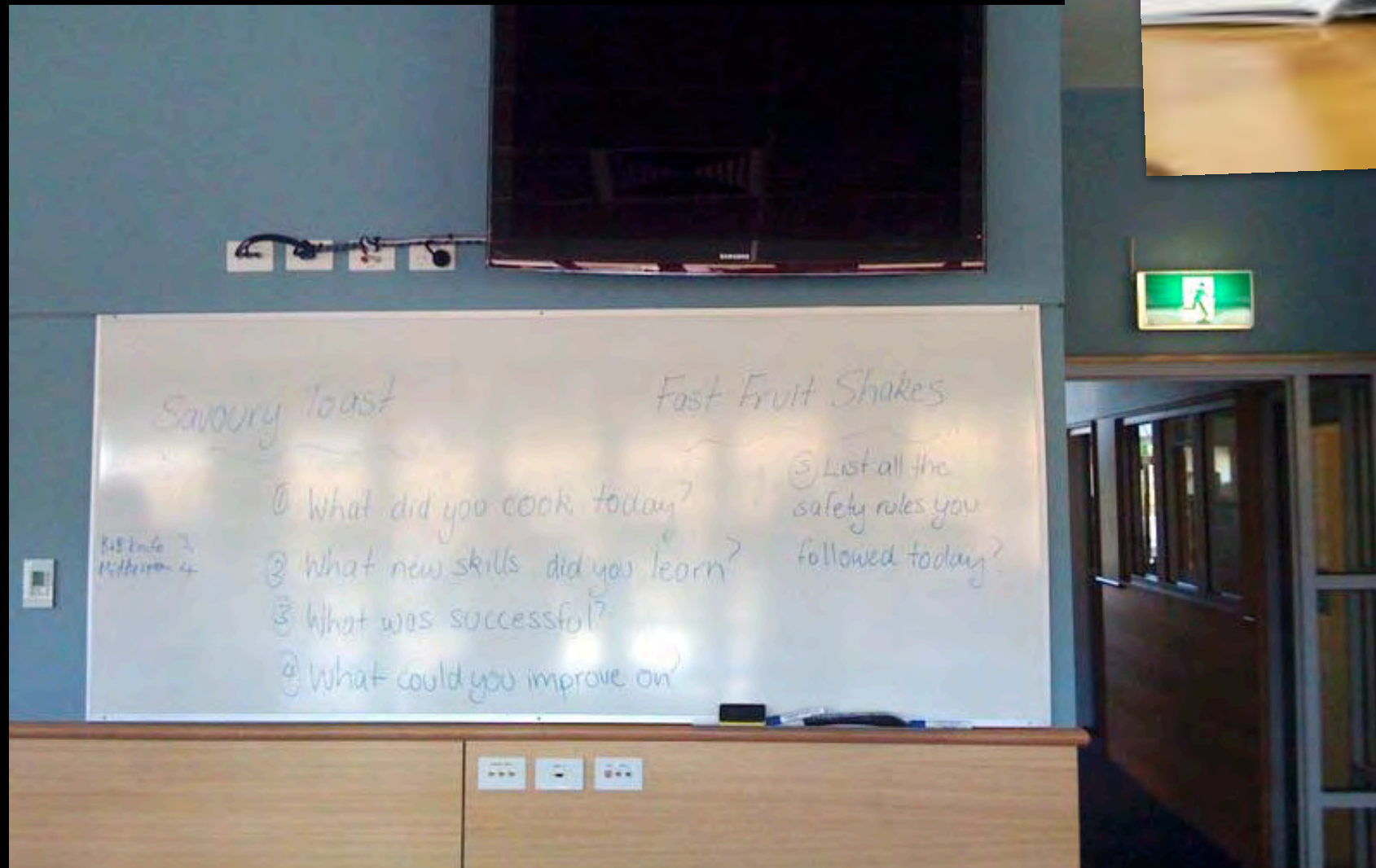
multiple points of focus need repeater screens - software links these days

phones are always

- on the desk, screen up
- prepared to be shared
- doing things that couldn't otherwise be done



high up bright screens not low down dim IVBs



Savoury Toast

Fast Fruit Shakes

① What did you cook today?

⑤ List all the safety rules you followed today?

② What new skills did you learn?

③ What was successful?

④ What could you improve on?



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writing & reading

13

want good readers? Model good reading


Mr Heppell

currently reading

*Swallows and  
Amazons*



celebrate text - everywhere!



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## food

become food aware -  
not just for wellbeing  
but for optimum  
cognitive engagement



learner led menu research



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olive oil (aceite de oliva)  
coconut oil (aceite de coco)  
wild salmon (salmon salvaje)  
blueberries & strawberries (arandanos y fresas)  
tumeric (curcuma)  
eggs (huevos)  
walnuts and almonds (nueces y almendras)  
kale (kale)  
broccoli (brocoli)  
avocado (aguacate)  
beets (remolacha)  
dark chocolate (chocolate negro)  
spinach (espinacas)  
pumpkin seeds (semillas de calabaza)  
celery (apio)  
fish and meat (pescado y carne)  
lentils (lentejas)  
citrus juices (zumos citricos)  
kimchi (kimchi)  
jicama (jicama)  
dandelion greens (hojas de diente de leon)

research project  
2018 at UCJC

\*reduce processed meats, sugar and energy drinks

\*reducir embutidos, azucares y bebidas de energia)



## noise and sound

trying to keep under around 72 db

always most effective when the learners lead

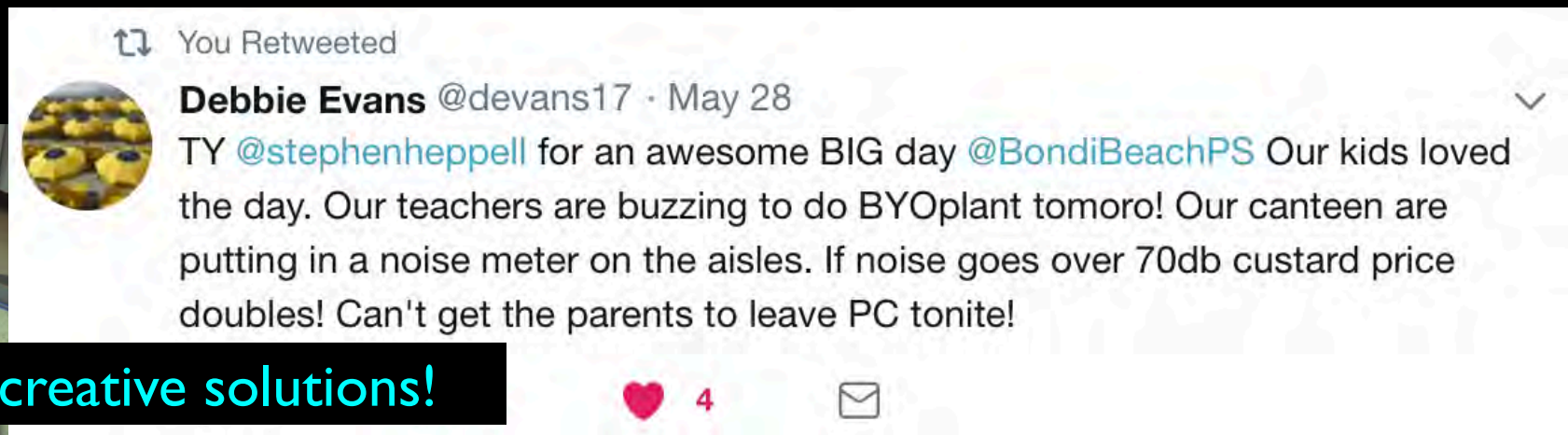
noise monitor, monitor!



ceiling umbrellas (filled with rockwool) cut sound levels



think creative solutions!





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