Welcome!

Future Factory - Changing your perspective

Creativity Sprint

IVAC Festival, 31st August 2021

Who are we? Official 'Spiel' - Our mug shots

UNIVERSITY OF OXFORD

DFG Deutsche Forschungsgemeinschaft

ESOF EuroScience Open Forum

IMPROSANT GÖTTINGEN

UCD DUBLIN

HELMHOLTZ SPITZENFORSCHUNG FÜR GROSSE HERAUSFORDERUNGEN

GEORG-AUGUST-UNIVERSITÄT GÖTTINGEN

DONAU UNIVERSITÄT KREMS

STIFTERVERBAND

SPRIN–D

PAN AM

oxtex

Ostfalia Hochschule für angewandte Wissenschaften

New World Travel The America Specialists

Hurrah…it's post-it time!

Why are you here &
What does creativity mean to you?

Go to: https://bit.ly/3gPIIt0

Why does creative thinking matter?

Education system slowly responding to change

Spot the difference?

Receive content - Study the experience of others

Why care?

The world of work is changing

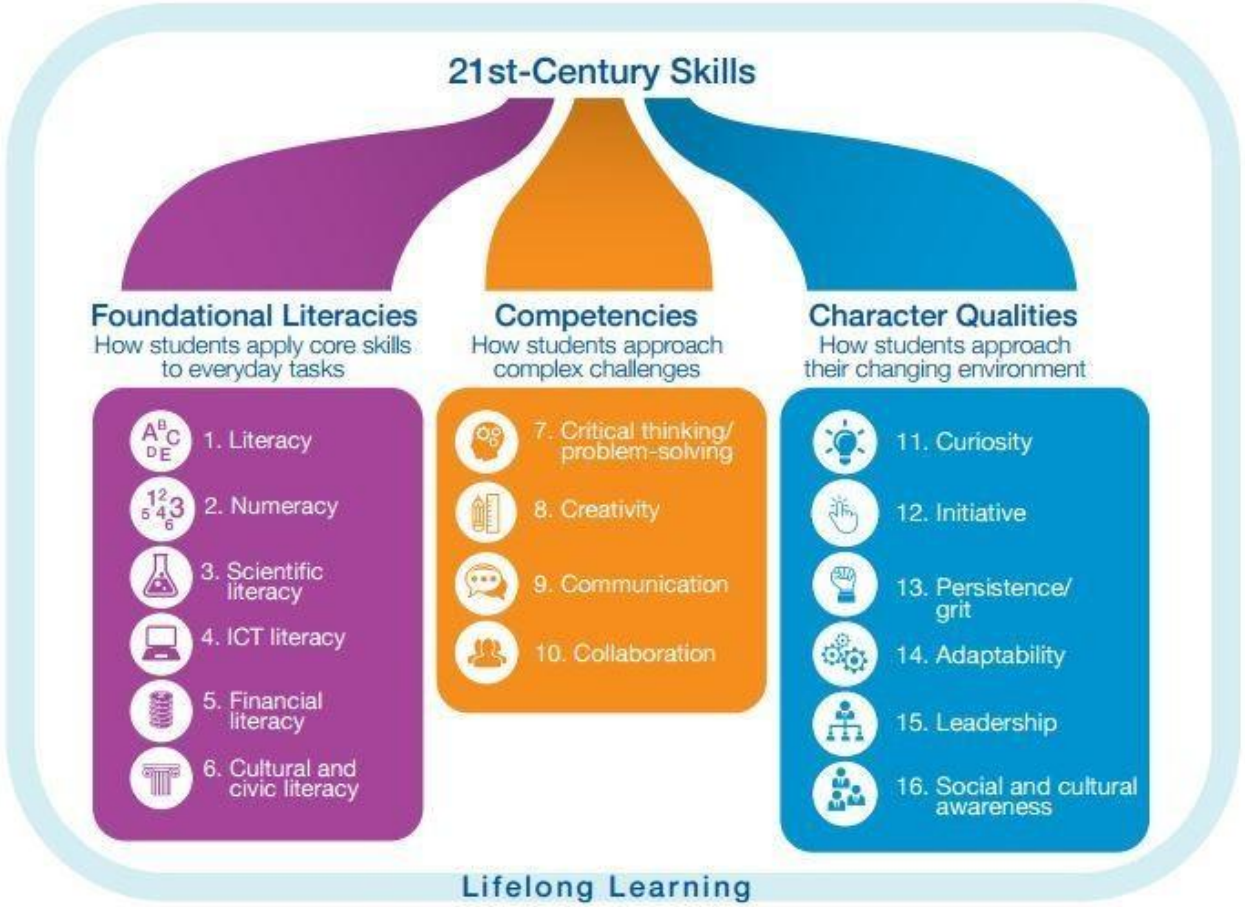
"...students currently in the education system will have held an average of 10-12 jobs by the time they reach the age of 38."

"Over 60 per cent children today will work in jobs that currently don't exist."

IBEC Report on Entrepreneurial Education, 2015

World Economic Forum: Education & training require new approaches (March 2016)

Exhibit 1: Students require 16 skills for the 21st century



Note: ICT stands for information and communications technology.

"The gap between the skills people learn and the skills people need is becoming more obvious, as traditional learning falls short of equipping students with the knowledge they need to thrive..."

World Economic Forum, 21st Sept 2020

The Jobs Reset Summit Learn more ›

Why skills - not degrees - will shape the future of work

Skills - not educational qualifications - are becoming more valuable to employers Image: Skeeze at Pixabay

Top 10 Skills - WEF 2018 'Future of Jobs' Report

2020:

1) Complex problem solving
2) Critical thinking
3) Creativity
4) People management
5) Coordinating with others
6) Emotional intelligence
7) Judgement & decision making
8) Service orientation
9) Negotiation
10) Cognitive flexibility

2015:

1) Complex problem solving
2) Coordinating with others
3) People management
4) Critical thinking
5) Negotiation
6) Quality control
7) Service orientation
8) Judgement & decision making
9) Active listening
10) Creativity

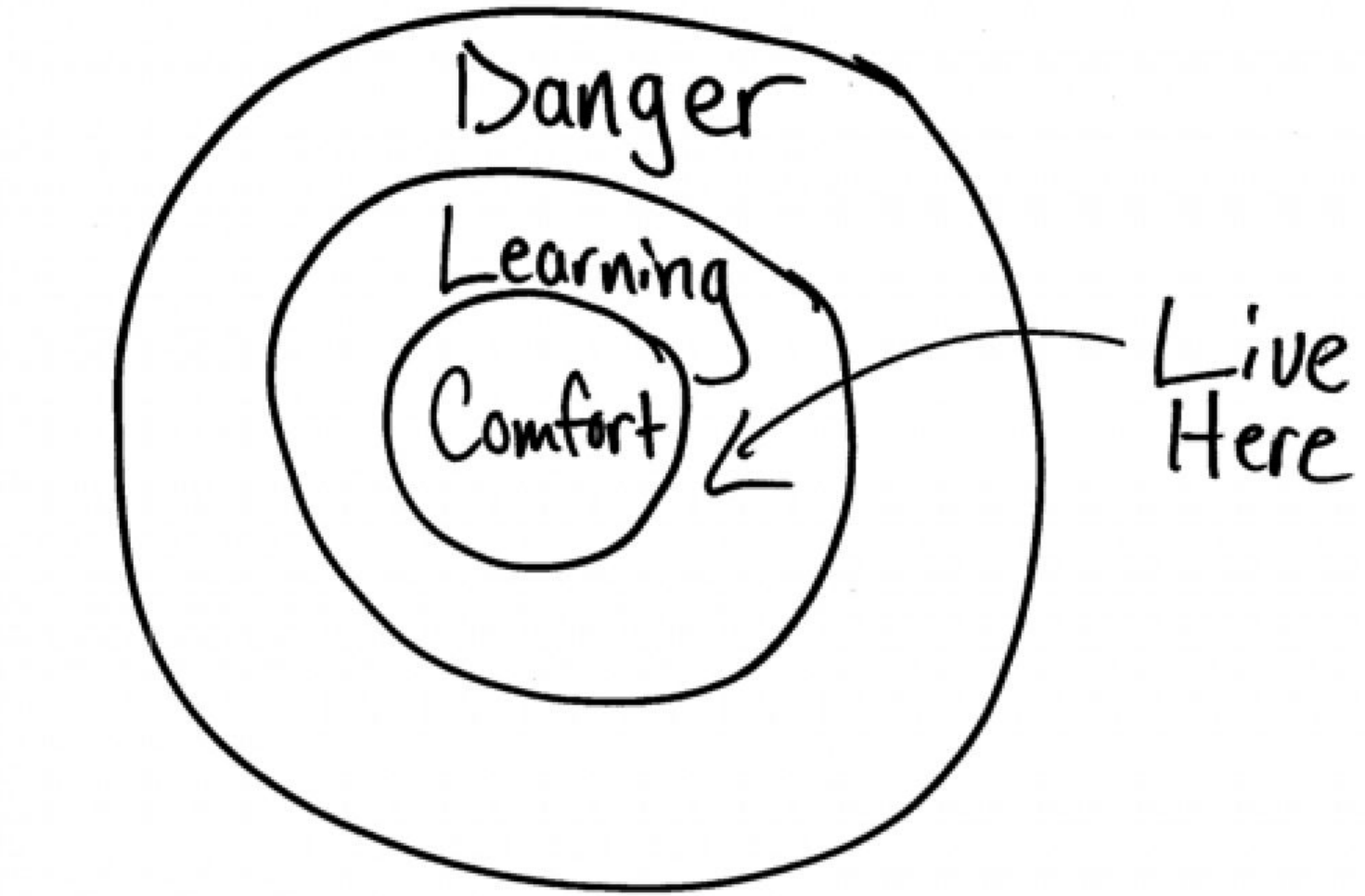
CREATIVE
CONFIDENCE

Let’s try a bit of creative thinking…

‘A creative adult is a child who has survived’

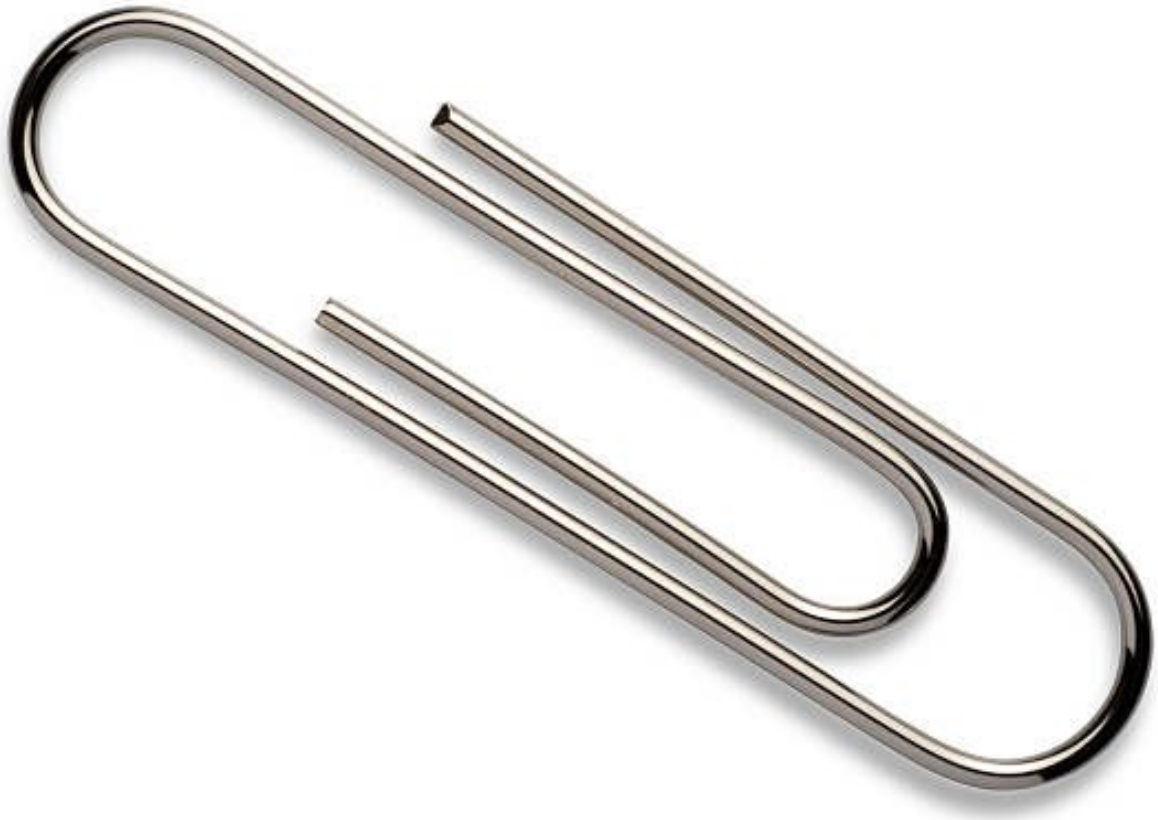
Ursula K. Le Guin

Getting out of your comfort zone



Get into groups

100 uses for...



Group work session 1: Think of 100 uses for a paper clip...
(10min)

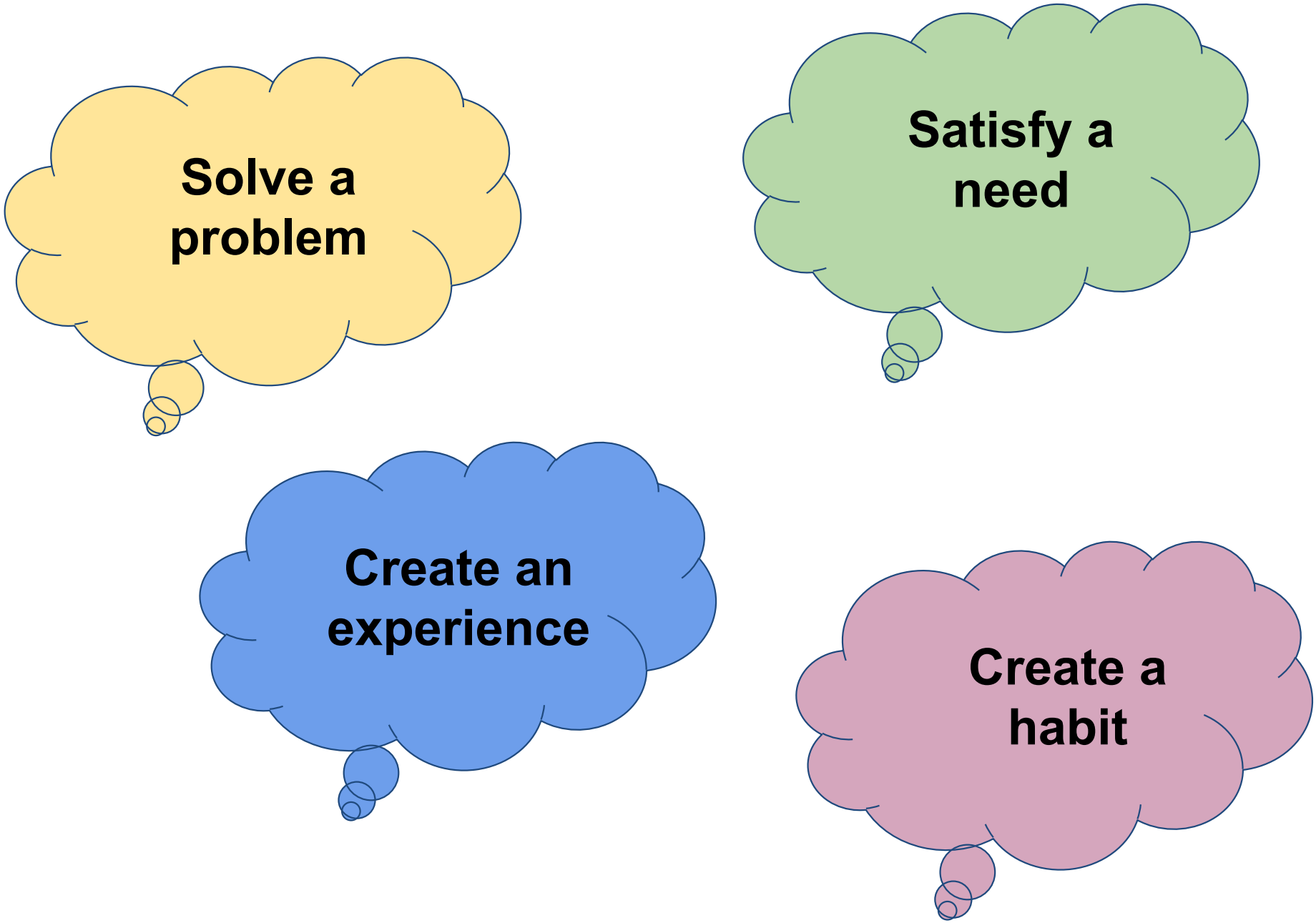
Welcome back! Now, how many uses have you come up with?

IDEATION - Introduction

Ideation...The formation of ideas & concepts

The more you exercise your creative muscle,
the easier it is to create solutions to problems

The best ideas...



Let’s try some ‘out of the box’ thinking?

Game No 1: Mix & Match

What **2 or more products/items** can be brought together for the first time to solve a problem for someone?

Game No 1: Mix & Match

Group work session 2: Ideation game ‘Mix & Match’ (10min)

Welcome back! Tell us about your ‘mixing & matching’

Game No 1: Mix & Match - Examples

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Berliner Splitterbrötchen + Muffin = Spluffin

Game No 1: Mix & Match - Examples

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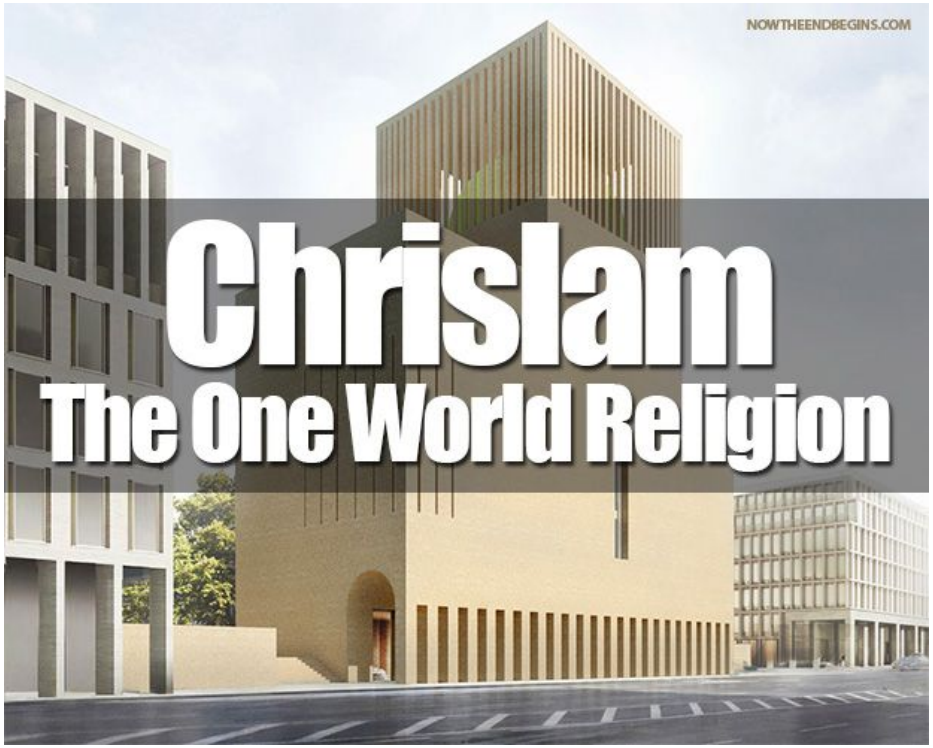

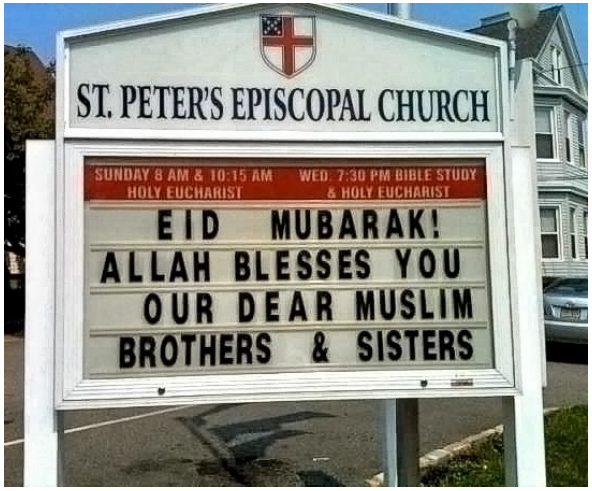

Game No 2: What bugs you?

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What **difficulties** do you encounter in daily life?

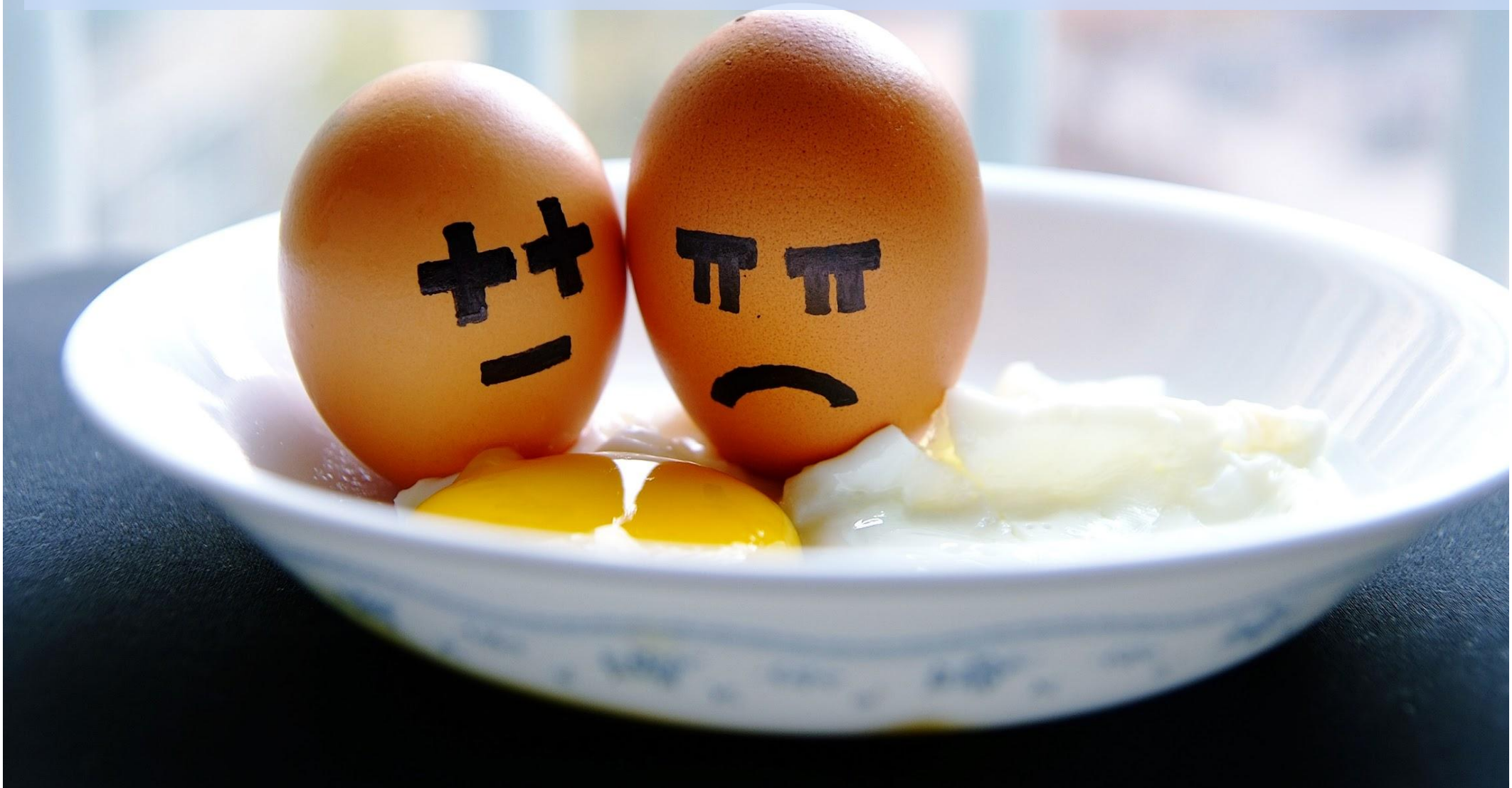
Always ask **is there a better way?**

Identify these problems and find solutions

Morning routine?
Commute?
Work place?
(Food) Shopping?
Travelling?
Getting your hair done?
...

Group work session 3: Ideation game ‘What bugs you?’ (10 min)

Welcome back! Tell us about your problems & solutions!



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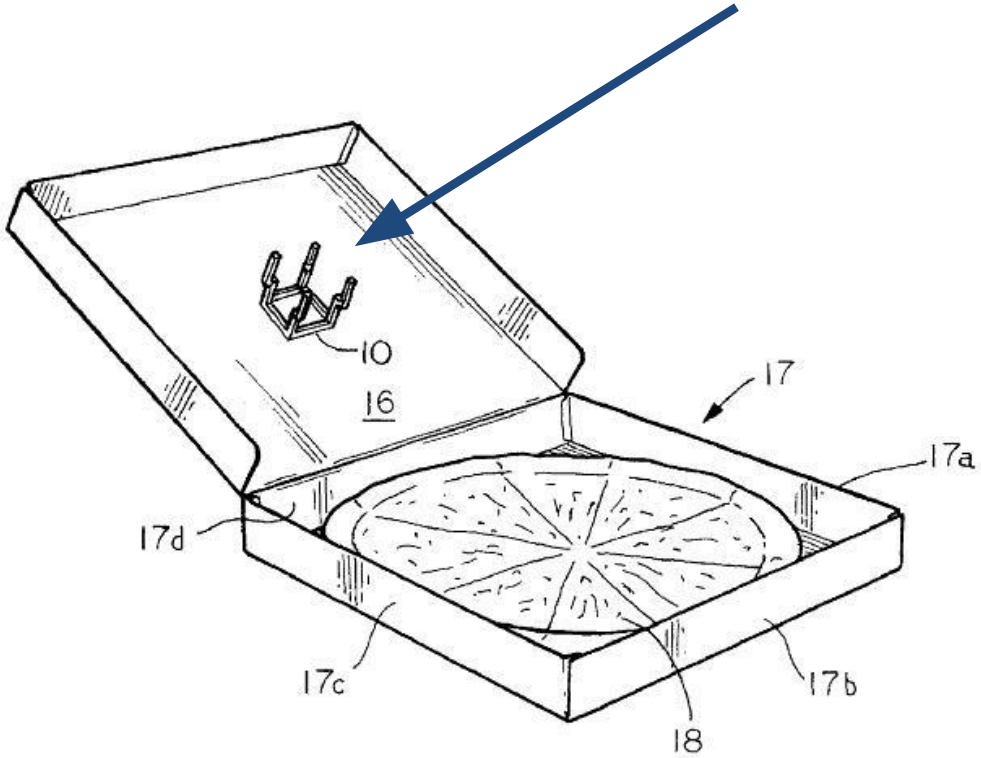


Game No 2: What bugs you?

IDEATION: Other methods...

Meet SCAMPER...

- **S**ubstitute
- **C**ombine
- **A**dapt
- **M**odify
- **P**ut to another use
- **E**liminate
- **R**everse

Some fun at the end...

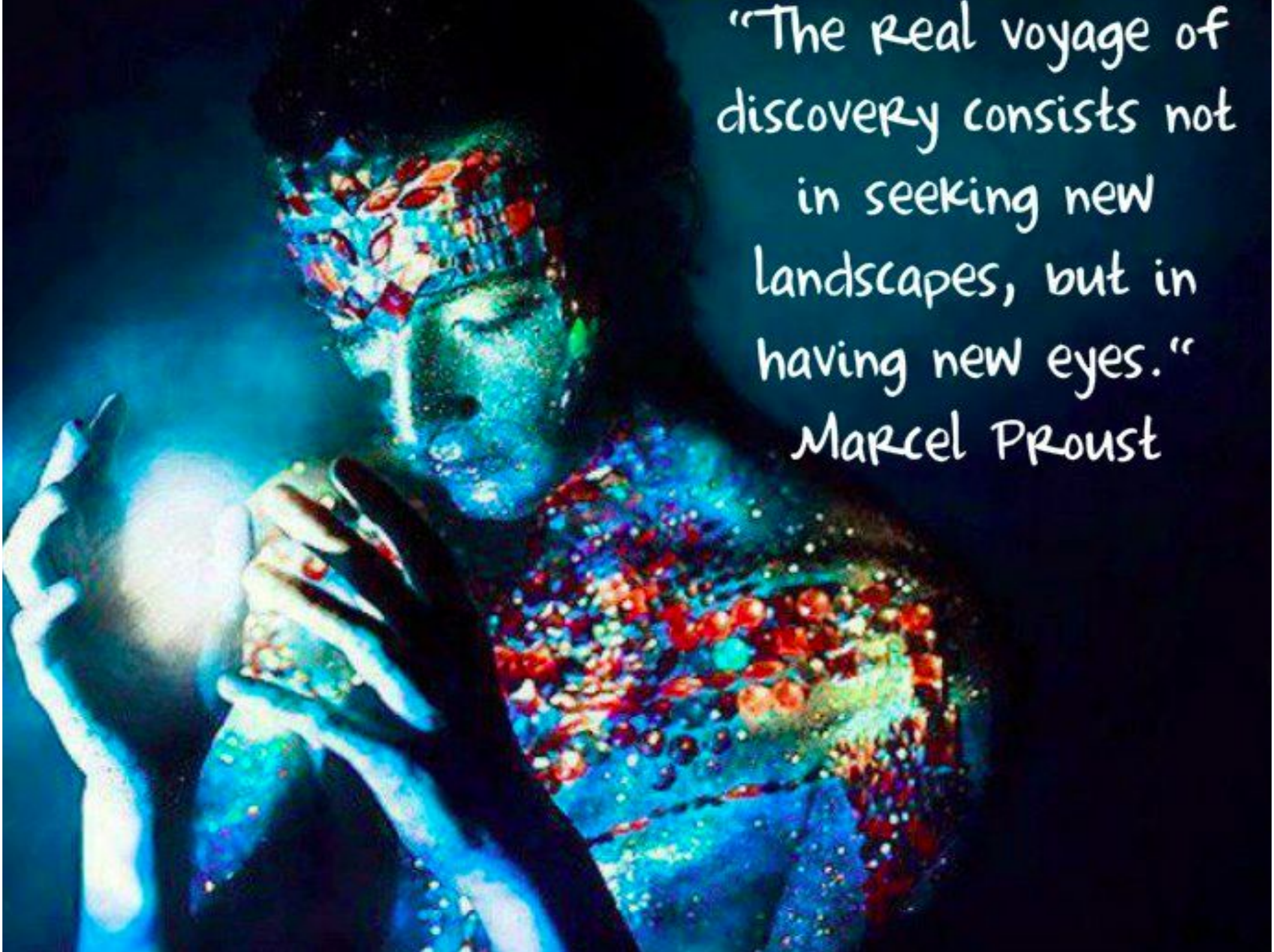
End of session catch-up

Reflections? Thoughts? Take homes?

Your Top 3 take aways from this session

Please post them into the chat!

Some fun at the end...


"The Real voyage of
discovery consists not
in seeking new
landscapes, but in
having new eyes."
Marcel Proust

T’was great fun!

Thank you for your attention!