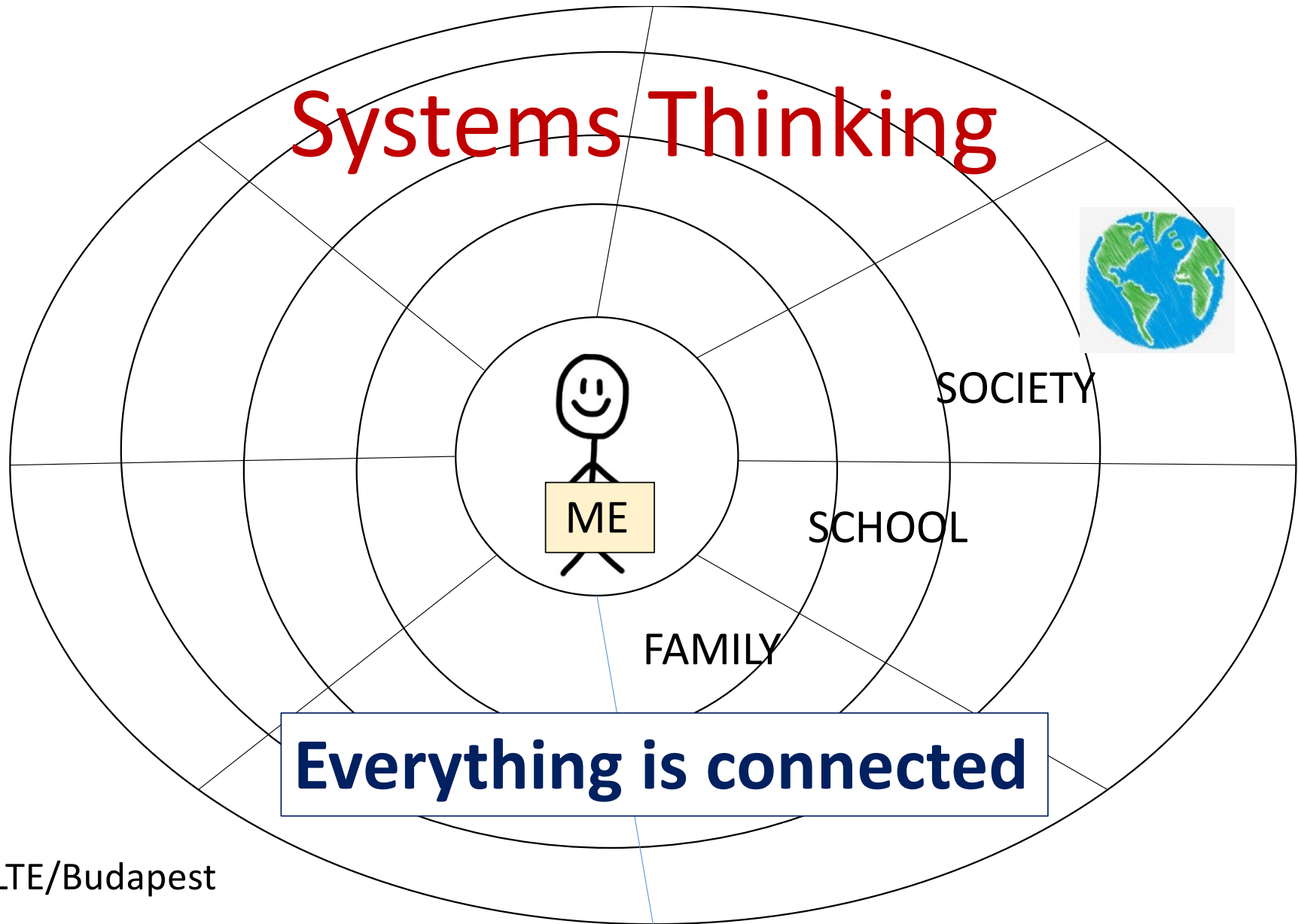


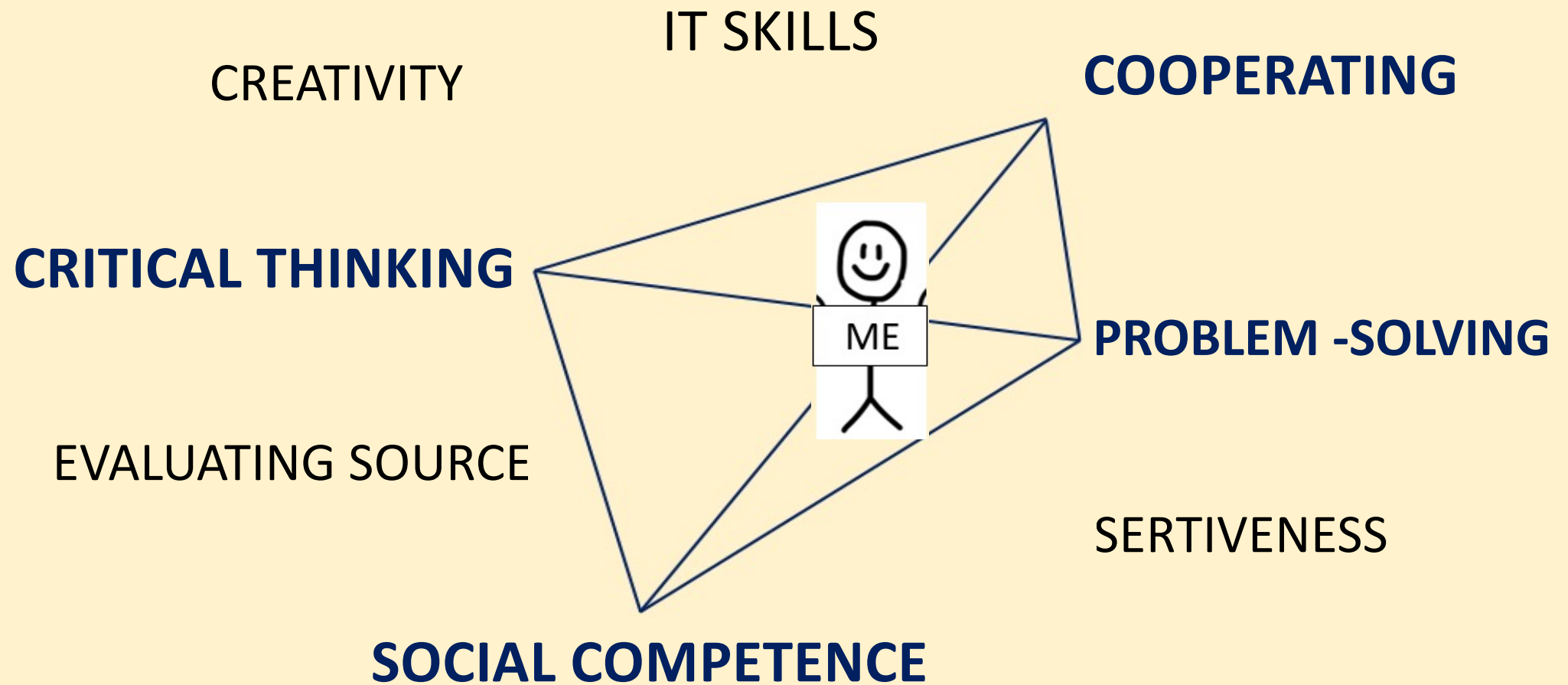
Bring your favourite mug or cup – this is mine



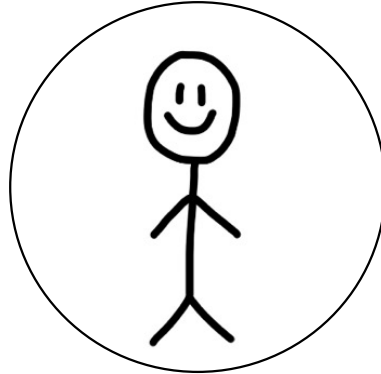
Systems Thinking



21st century SKILLS



CRITICAL THINKING



Seeing the Big Picture



Schwere Unwetter im Glemmtal: Erste Pkw konnten Talschluss verlassen

Nach den Unwettern im Salzburger Glemmtal war der Talschluss am Freitagnachmittag einspurig befahrbar. Die Landesstraße soll binnen zwei Wochen wieder befahrbar sein.



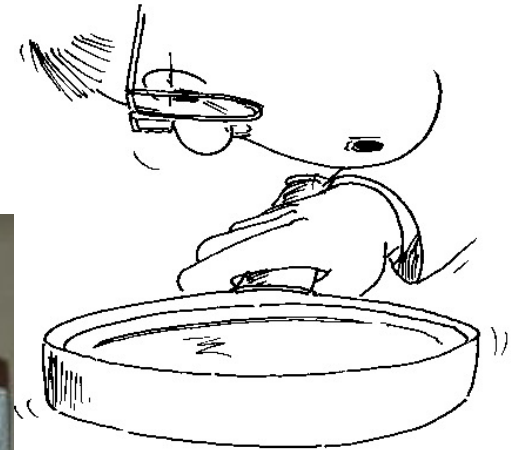
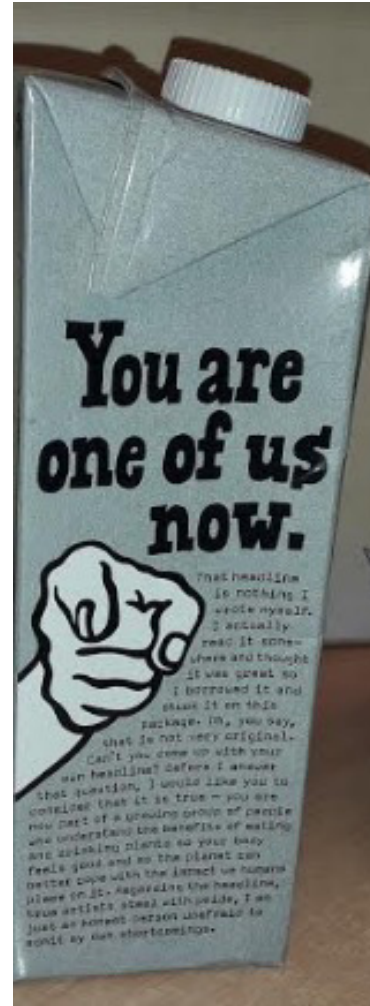


40 Tonnen Plastik landen jährlich in Donau

Rund 40 Tonnen an Plastik gelangen in Österreich jährlich in die Donau. Das geht aus einer Untersuchung des Umweltbundesamtes hervor.

ORF.at/Carina Kainz







Green schools

Pupil power: how students are turning schools green

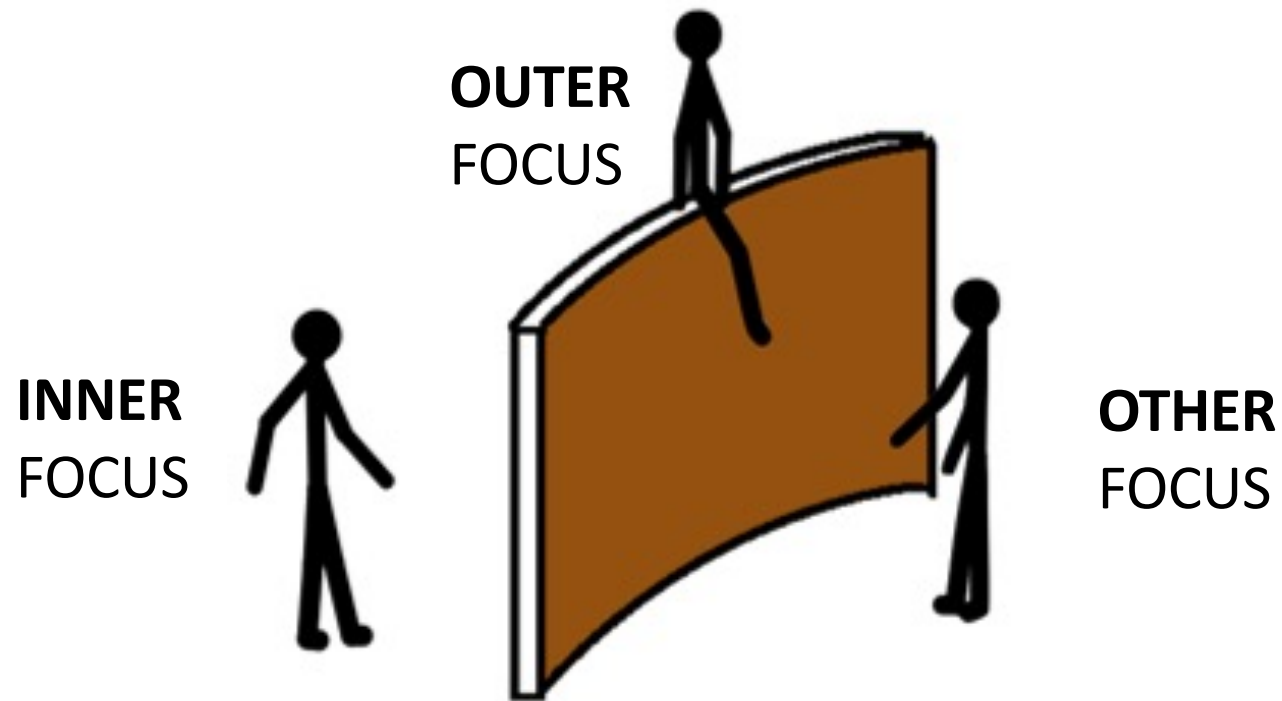
A scheme encouraging young people to take the lead on environmental projects is changing habits, growing leaders – and saving schools money

The big picture

“Sustainability is one side of it. The other is the soft skills such as communication and building confidence”
Tom Parkin

<https://www.theguardian.com/teacher-network/2017/apr/28/pupil-power-how-students-are-turning-schools-green>

COOPERATING



Shifting Perspectives

Starting early...

School 21, London



Our discussion guidelines

- * Always respect each others' ideas.
- * Invite someone to contribute by asking a question.
- * We give proof of listening
- * We clarify, challenge, summarise and build on each others' ideas.
- * Be prepared to change your mind.
- * Come to a shared agreement.

Summary

Challenge

Clarify

SOCIAL COMPETENCE



UNINTENDED CONSEQUENCES

”To begin with we thought it was just a bit of fun.

And at the beginning I think she deserved it.

We all thought that. She was so superior, she always wanted to be different from everyone else. So we all kind of felt the same. Although it was only Vanessa who sent the messages.

But perhaps it’s gone a bit far recently.

You know, it’s been a bit heavy in the past few days - death threats and stuff.

I mean, obviously none of it was meant seriously.”

“It started about 3 months ago and it hasn’t stopped yet. Although I’ve had fewer messages recently.

At first it was nasty messages on my phone but after a few days they began writing horrible things about me on FACEBOOK. I didn’t tell anyone because I thought it would stop but in the end I cracked.

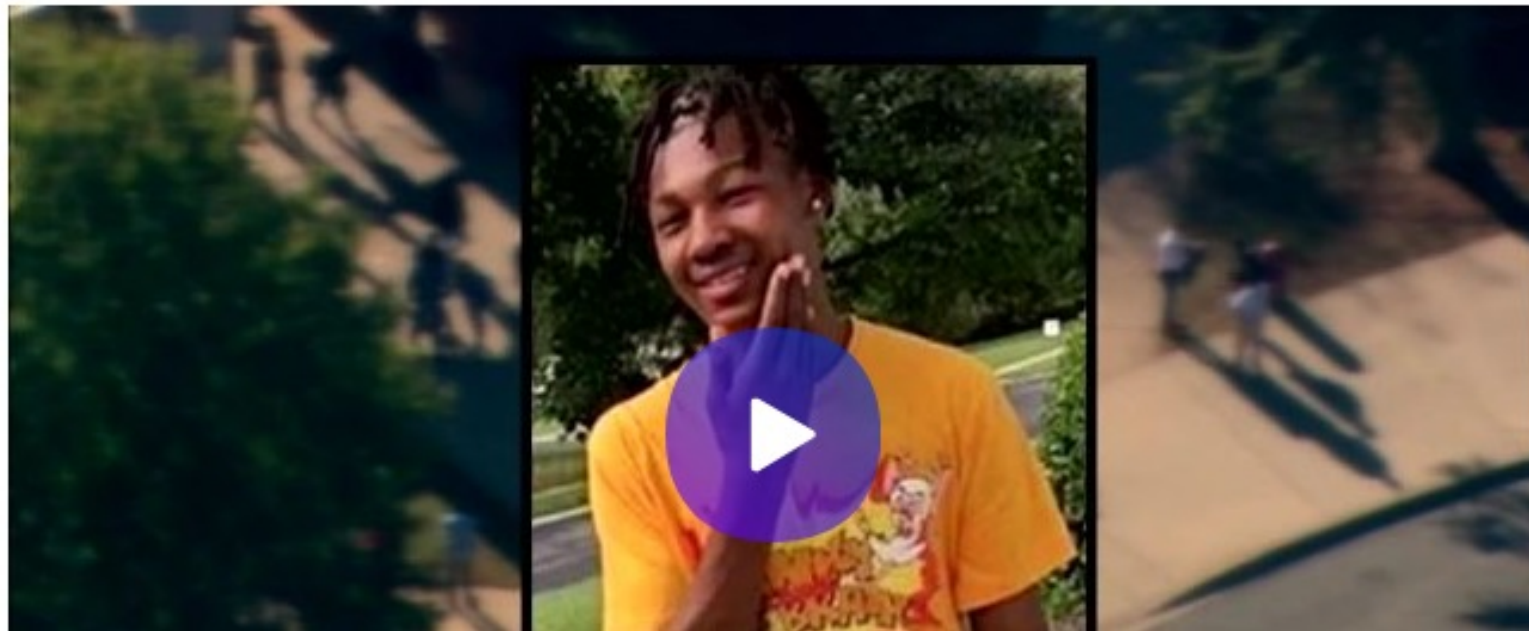
And now I’m telling everyone. I’ve lost all my self-confidence and I’ve never felt so down.

I just don’t know what to do.”

BULLIED

Teen killed at Butler High School after bullying conflict 'escalated out of control,' officials say

 KTRK – Houston 15 hours ago



Seeks to understand the big picture



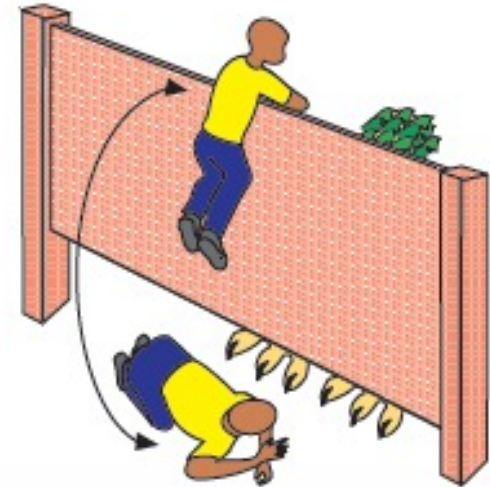
Habits of a Systems Thinker



Recognizes the impact of time delays when exploring cause and effect relationships



Changes perspectives to increase understanding



Considers short-term, long-term and unintended consequences of actions



<https://waterscenterst.org/resources/habits/>

Sources and resources

Goleman, D. and P. Senge (2014) *The Triple Focus: a New Approach to Education*. More Than Sound Publications.

School 21 - Oracy in the classroom: Strategies for Effective Talk
<https://www.youtube.com/watch?v=2ADAY9AQm54&t=252s>

Waters Center for Systems Thinking.
<https://waterscenterst.org/>