

GROWTH MINDSET

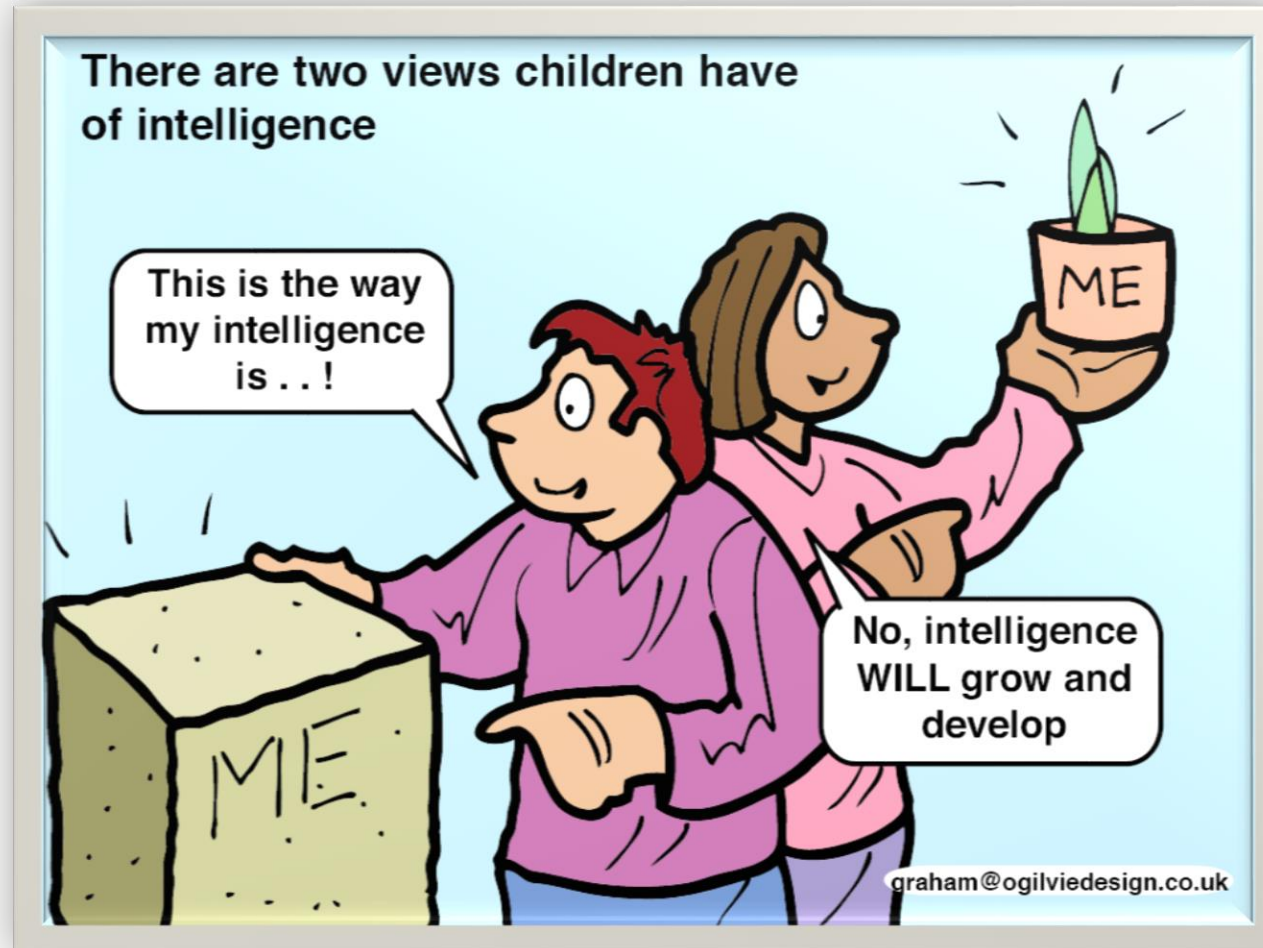
BORN SMART...?

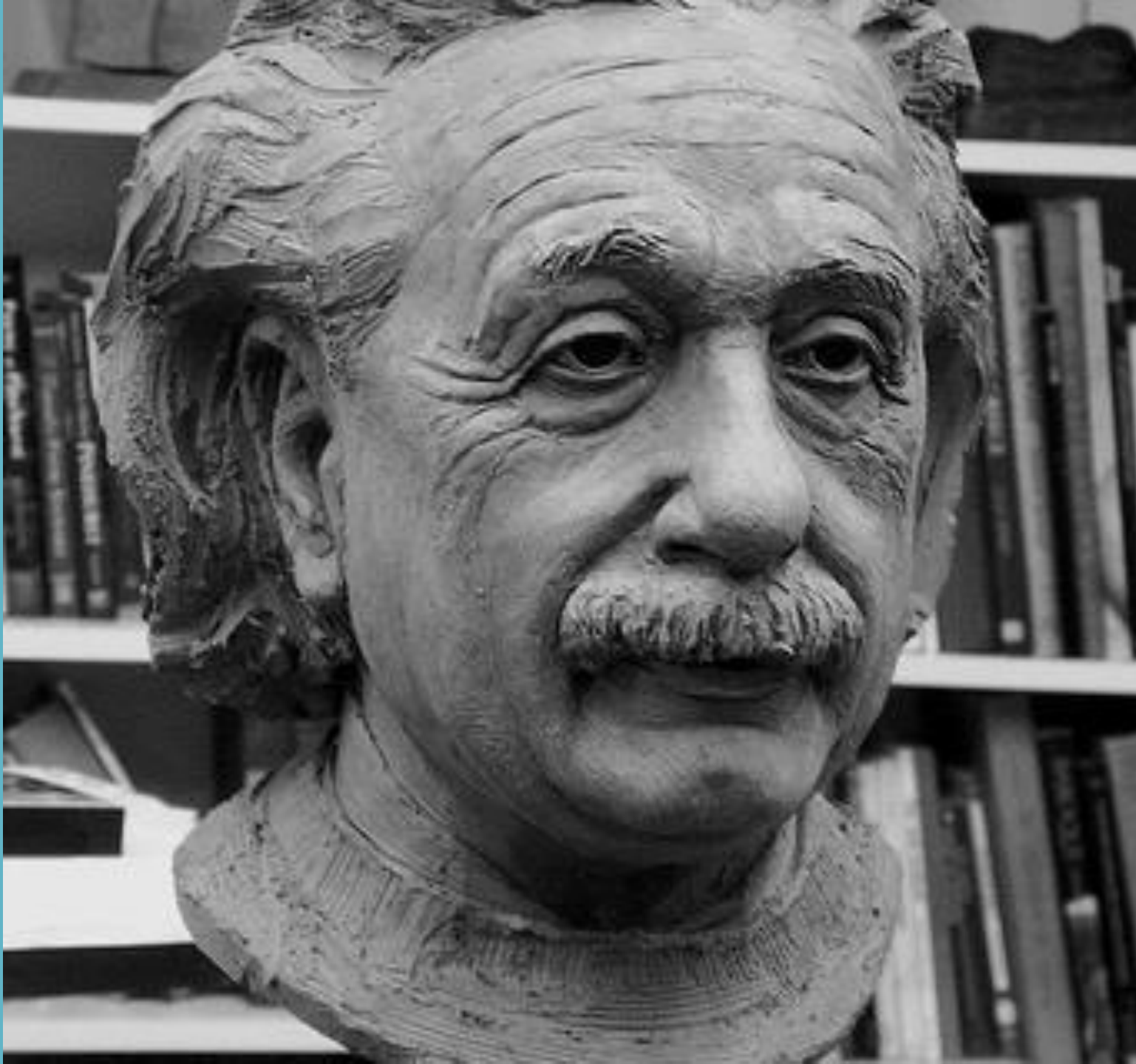
GROWTH MINDSET



- Are we born smart, or can intelligence be nurtured and developed?

THE 2 BELIEFS ABOUT INTELLIGENCE





FIXED MINDSET

Believes:

Intelligence is **CARVED IN
STONE**

Scores in a test **MEASURE
POTENTIAL**

Intelligent people shouldn't have to
WORK HARD

Failure reflects a **LACK OF
INTELLIGENCE**

RESEARCH QUESTIONS ASKED IN A PRIMARY SCHOOL – FIXED MINDSET ANSWERS

- What is learning? 'National Tests', 'Getting a good job', 'Getting it right'
(Being better than others)
- When do you do your best learning? 'When we're doing things I'm good at'
(Wants to be seen as being clever)
- What do we do in school that doesn't help you? 'They give me things which are too hard'
(Defeated by challenge)
- What does your teacher do to help you learn? 'Tells me what to think when I'm stuck'
(Learned helplessness)



GROWTH MINDSET

Believes:

Intelligence is MALLEABLE

Learning requires HARD WORK
and EFFORT

ALL individuals CAN LEARN and
IMPROVE

We CANNOT MEASURE a
person's POTENTIAL

**OUR LEONARDO EFFECT
CURRICULUM REFLECTS
THESE BELIEFS**

**“INTELLIGENCE IS NOT A
FIXED QUALITY, DETERMINED
AT BIRTH BY ONE’S GENES.
RATHER, IT IS A VARIABLE
THAT CAN BE DEVELOPED AT
EVERY STAGE OF LIFE.”**

(REUVEN FEUERSTEIN)

STUDIES OF CHILDREN

	Praised for effort	Praised for ability
Goals	90% of the group created learning goals	66% of the group created performance goals
Enjoyment	Continued	Decreased
Persistence	Continued	Decreased
Performance	Improved	Declined
Lied about scores	One individual	40%

HOW TO PRAISE

I liked the way you tried different strategies on that problem.

That picture has so many beautiful colours in it. Tell me about them.

I enjoy watching you stretch yourself and trying to learn more challenging things.

You put so much thought into this story, I really could see all the settings and characters clearly.

WHAT IF THE CHILD DIDN'T DO WELL?

I like the effort you put in, but let's work together on the bits you didn't understand.

Every one learns at a different rate but if you keep trying like this you will get there.

Everyone learns in a different way – let's keep trying to find the one that works for you.

I'M #1
SO WHY
TRY HARDER

PRAISE THAT GETS IN THE WAY OF LEARNING

Clever girl!

Gifted musician

Brilliant
mathematician

Bright boy

Top of the class!

By far the best

WHAT TO PRAISE

- Effort
- Motivation
- New learning
- Struggle and persistence despite any set backs
- Strategies and choices
- Choosing difficult and challenging tasks
- Improvement

**IT'S NOT THAT I'M SO
SMART, IT'S JUST
THAT I STAY WITH
PROBLEMS LONGER.**

(ALBERT EINSTEIN)

HELP US BY USING THE SAME LANGUAGE – DON'T HAVE A FIXED BUT A GROWTH MINDSET

Fixed Mindset

- I like my work to be easy
- I don't like to try a challenge
- I want people to praise me for how clever I am
- I believe I cannot change how clever I am
- I don't like to try new things because I won't be very good at it

Growth Mindset

- I never give up
- I like my work to be difficult – it means I am learning
- I love challenges
- I want people to praise me for the effort I put into my work
- I believe I can get more intelligent by working hard
- I feel clever when I'm learning something new
- I learn from my mistakes