

IGNITING CHANGE

**EQUITY
EXCELLENCE
AND
INNOVATION
IN EDUCATION**



@4GBROTTO



@5GBROTTO

GIANCARLO BROTTTO





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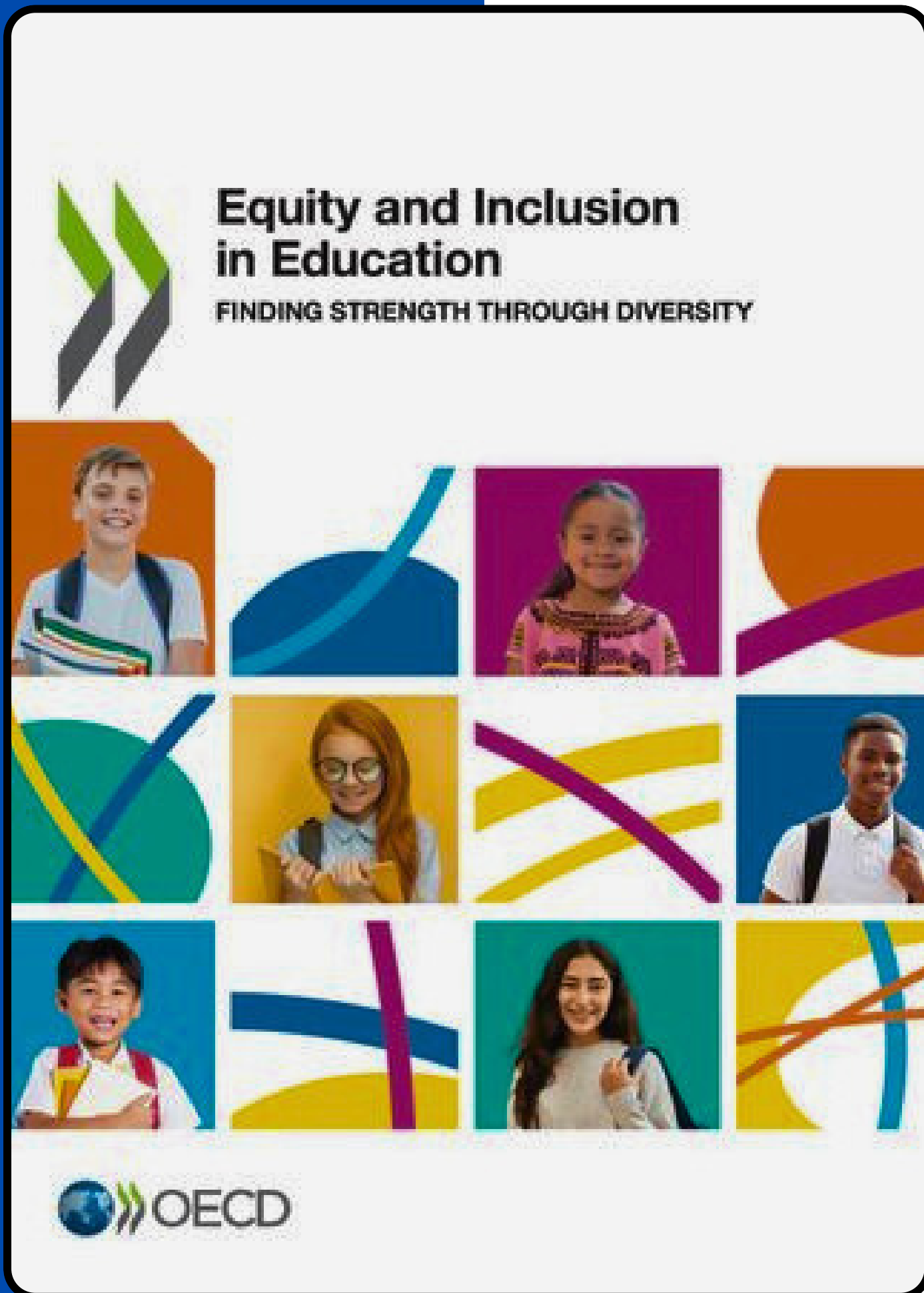
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What is EQUITY ?



How countries define equity



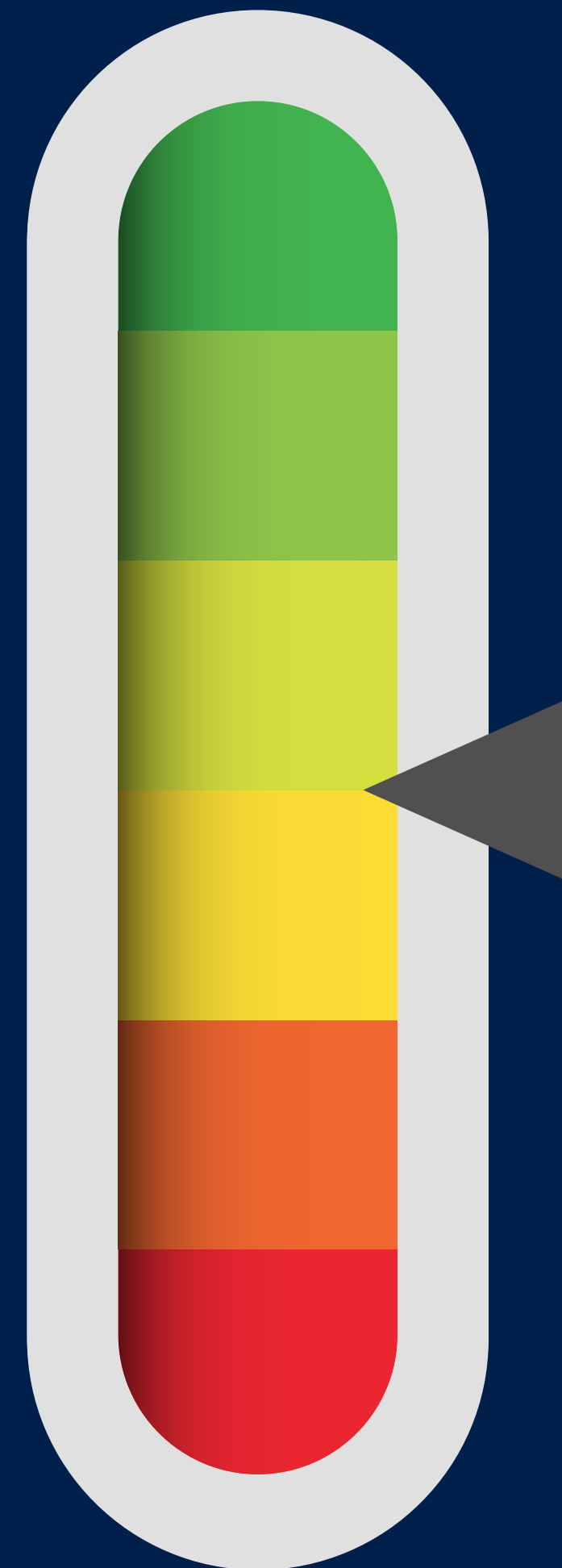
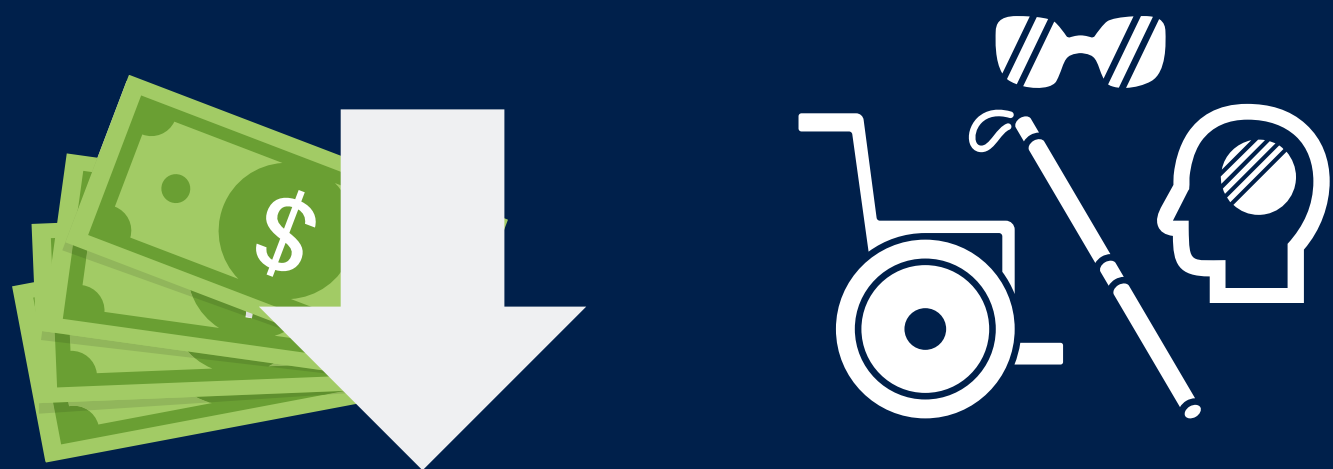
A word cloud illustrating various concepts related to equity and inclusion. The central and largest word is "Groups". Other prominent words include "Equality of opportunity", "Differences", "For all", "Discrimination", "Exclusion", "Access", "Gaps", "Barriers", "Obstacles", "Achievement", "Free", "Potential", "Belonging", "Segregation", and "Diversity".

Equity

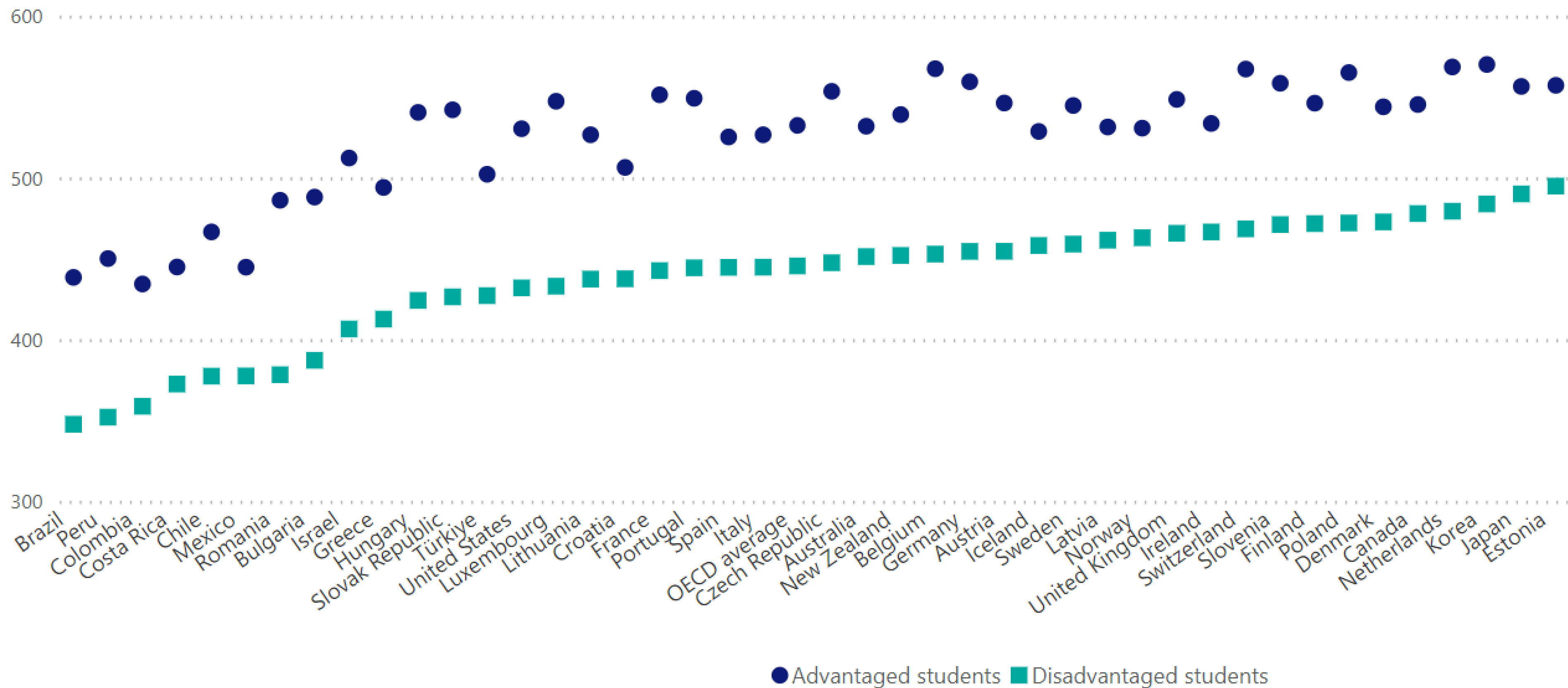
“There can be numerous reasons why some students perform better than others, but the performance differences should not be the result of the conditions of students’ background . . . socio-economic status, gender, immigrant background . . .”

How are we doing ?

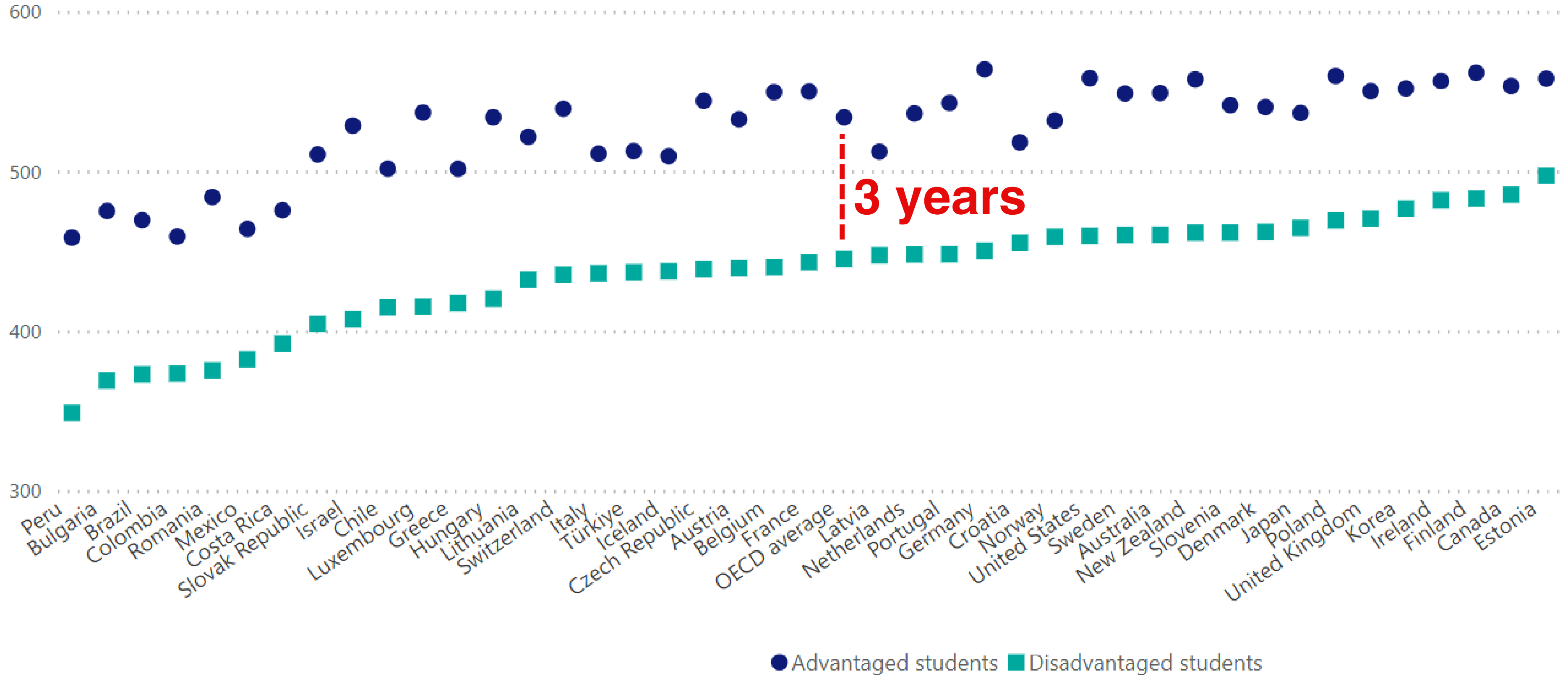




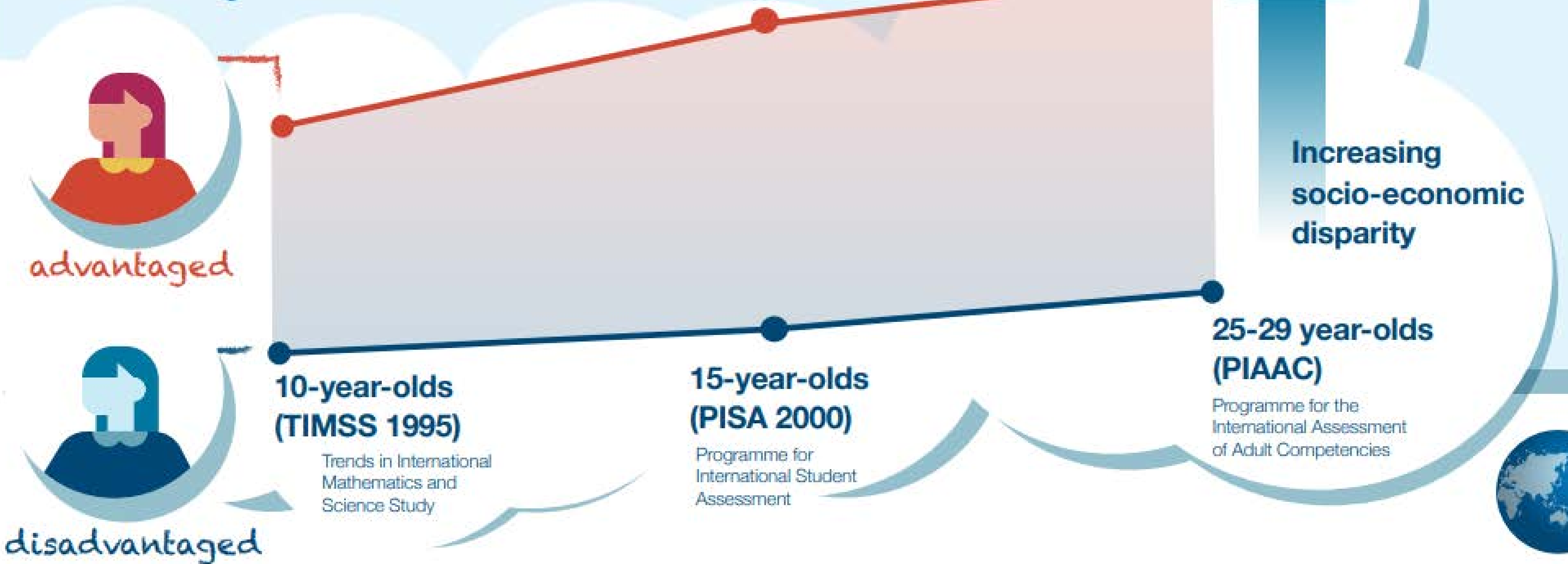
Score in mathematics at age 15 (2018)

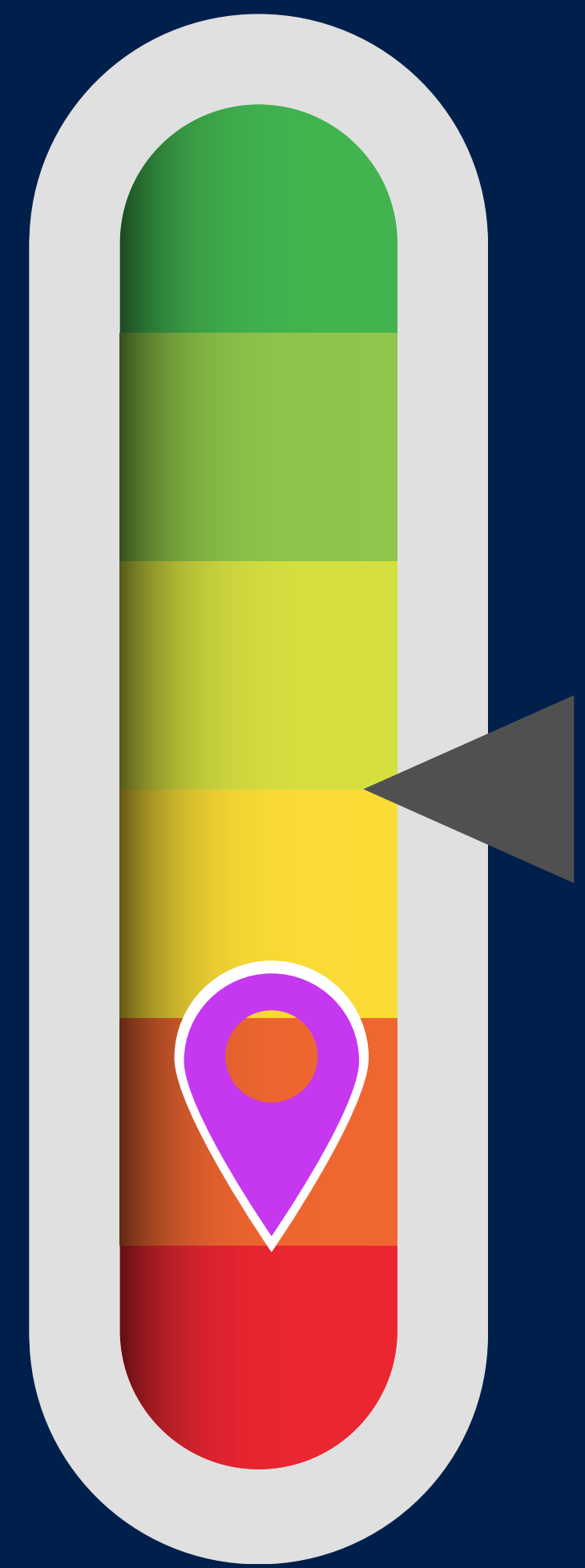


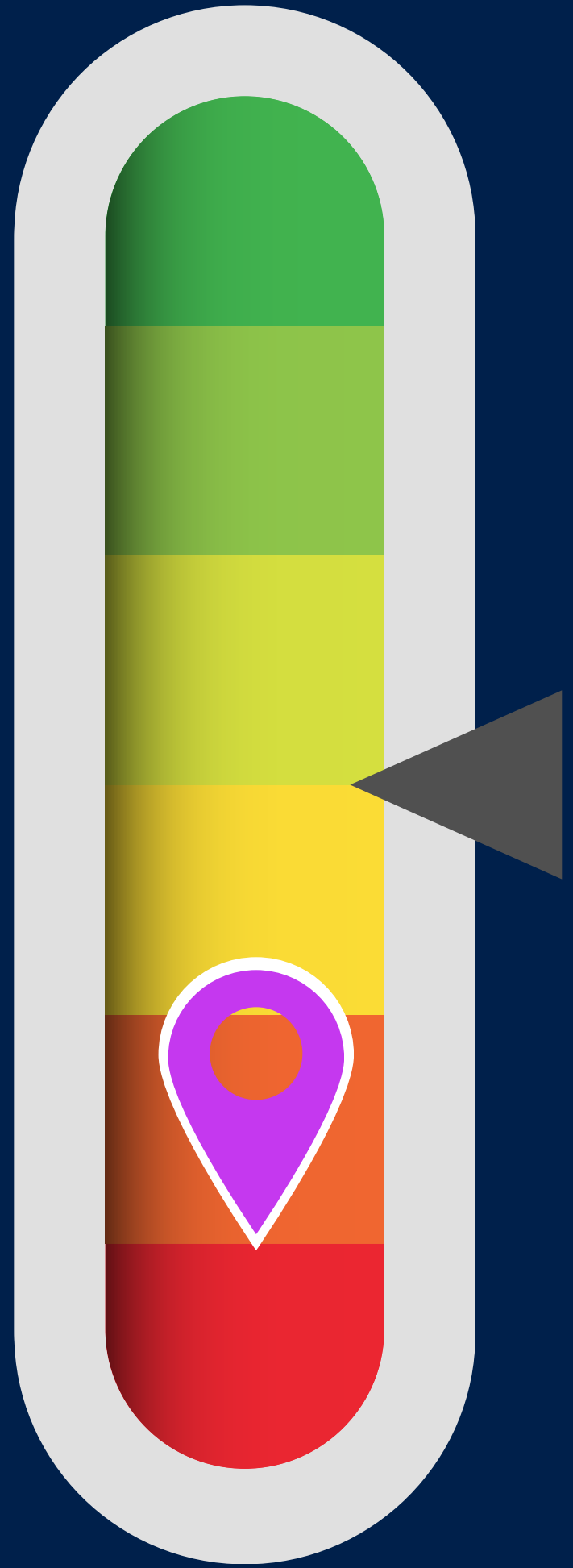
Score in reading at age 15 (2018)

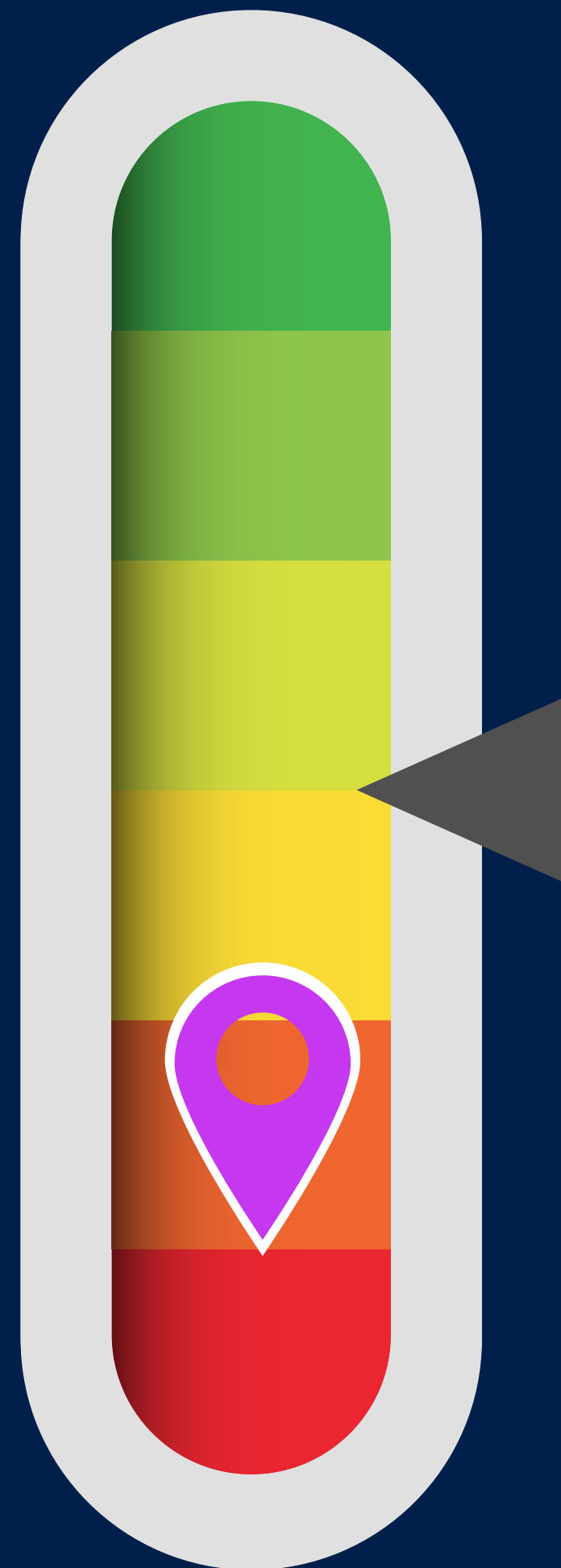
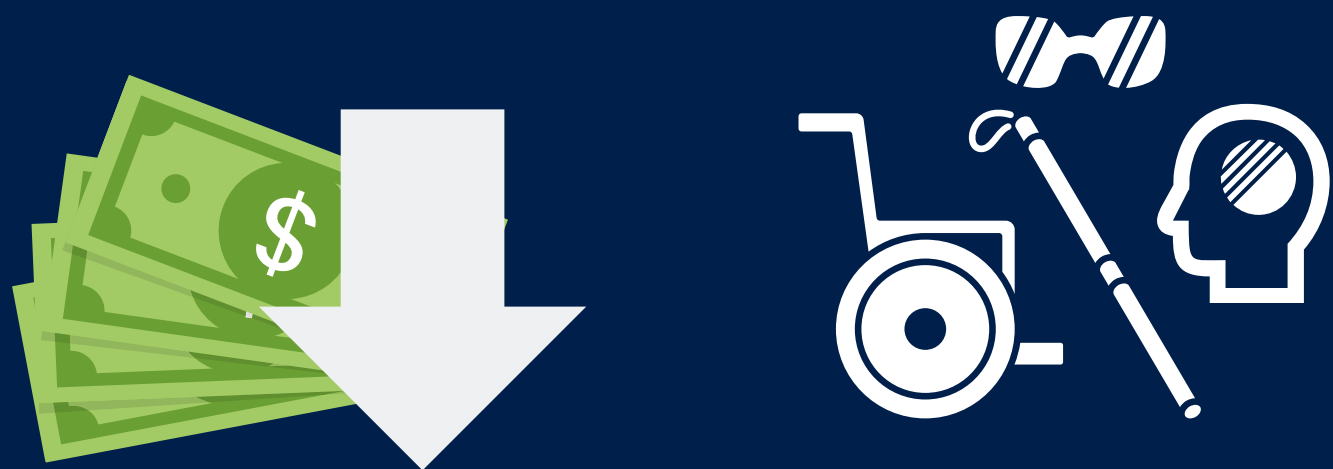


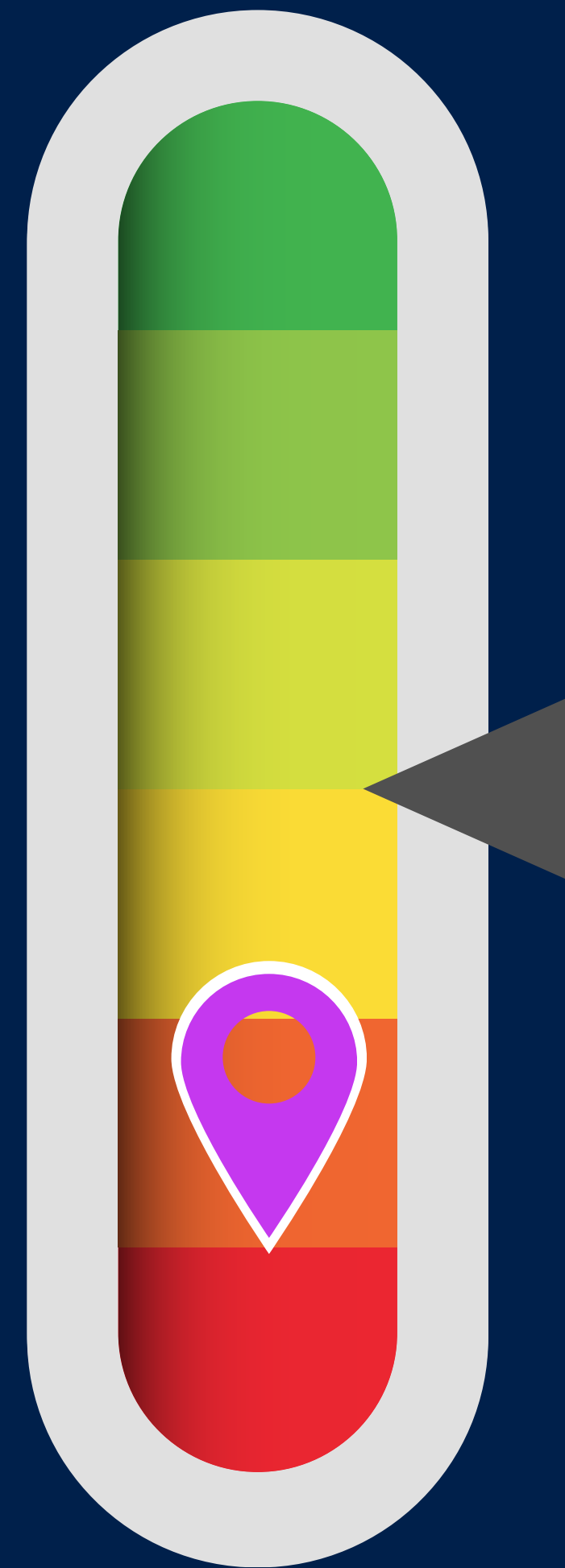
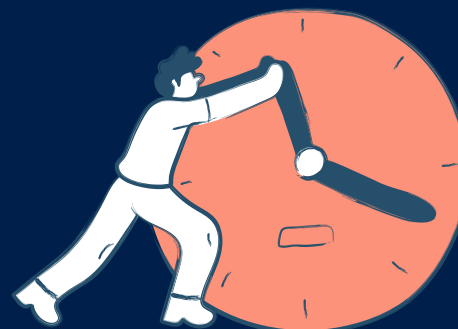
develop early and widen throughout students' lives









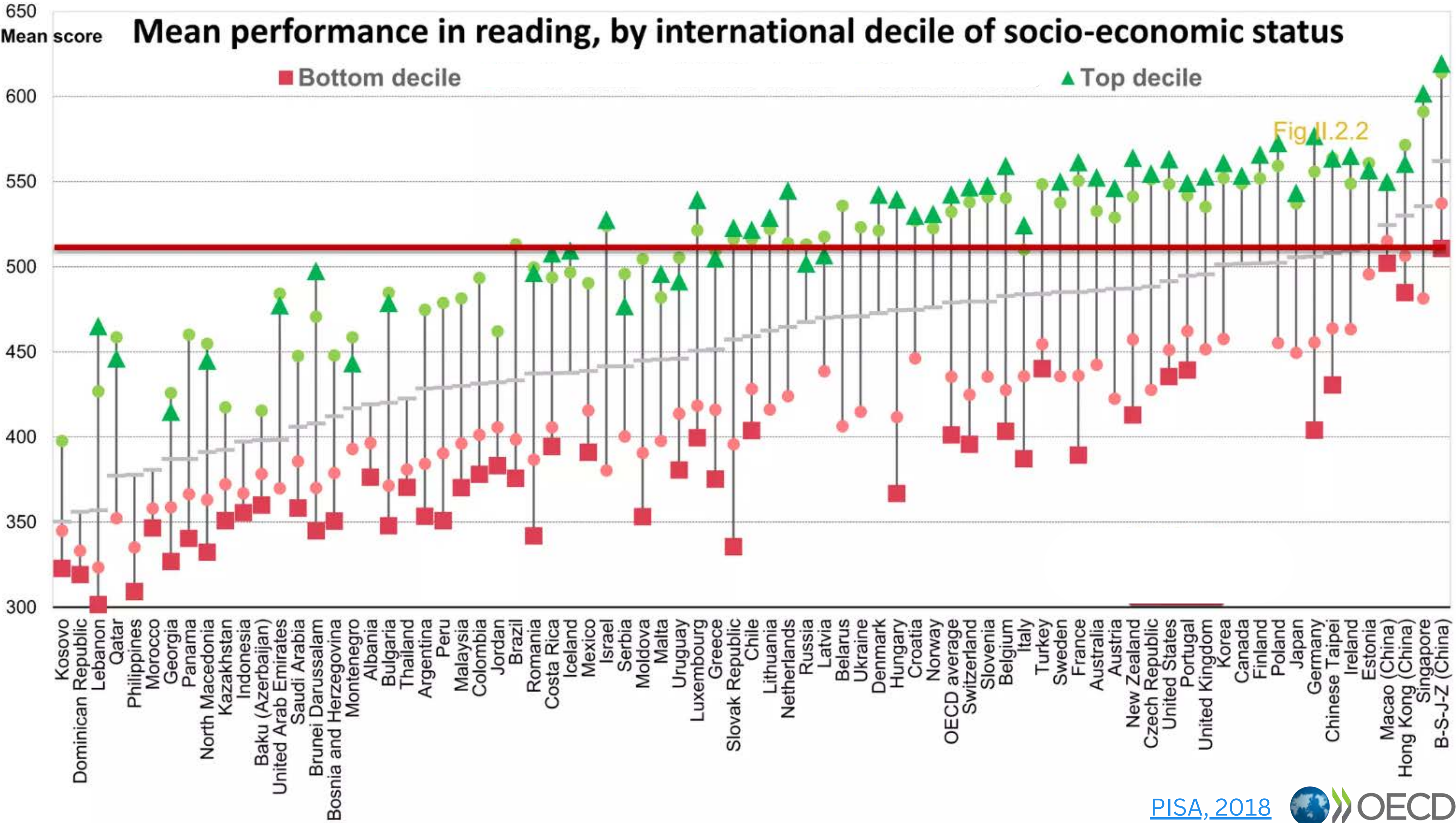


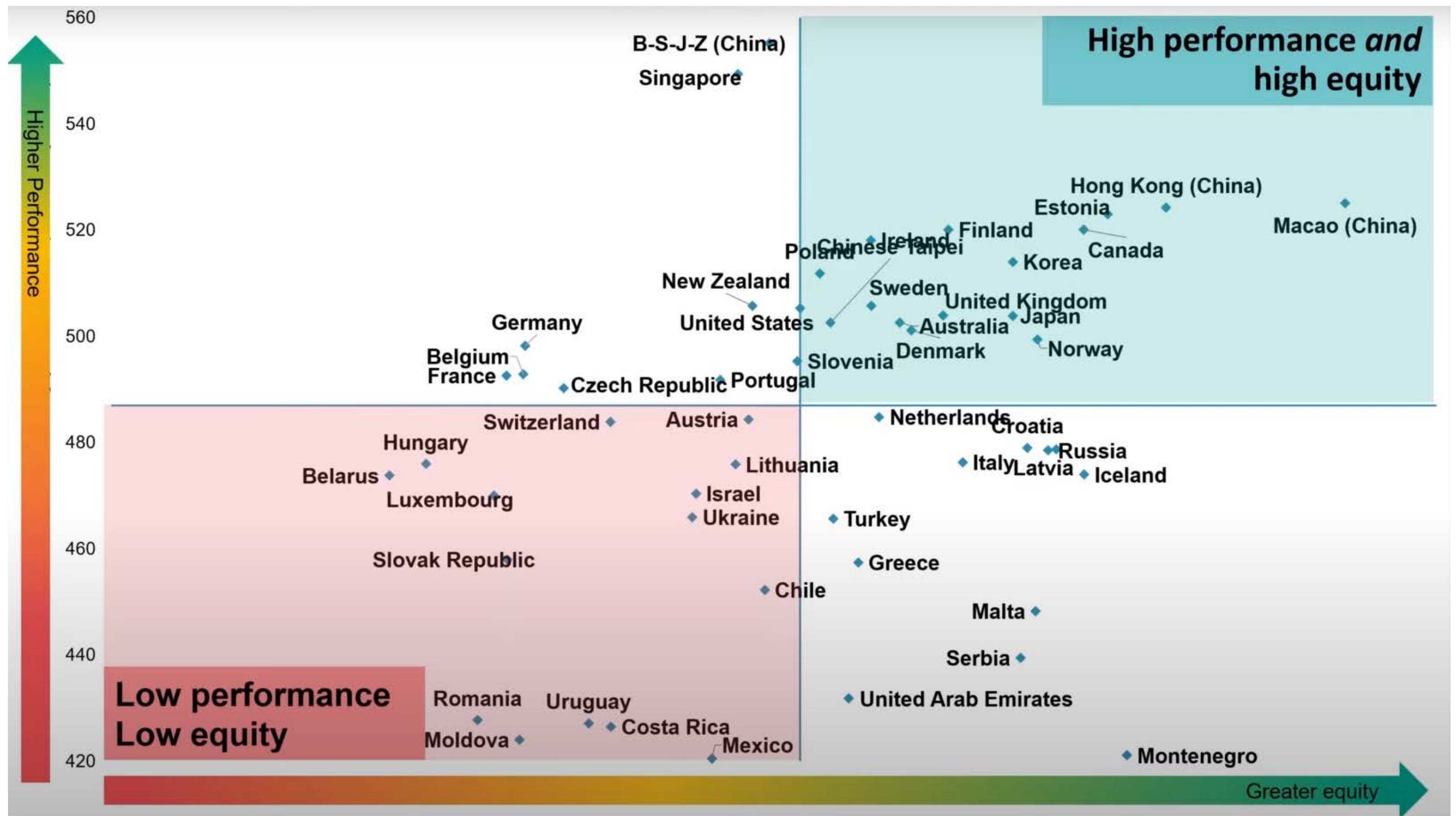
How are we doing ?



What can we do ?

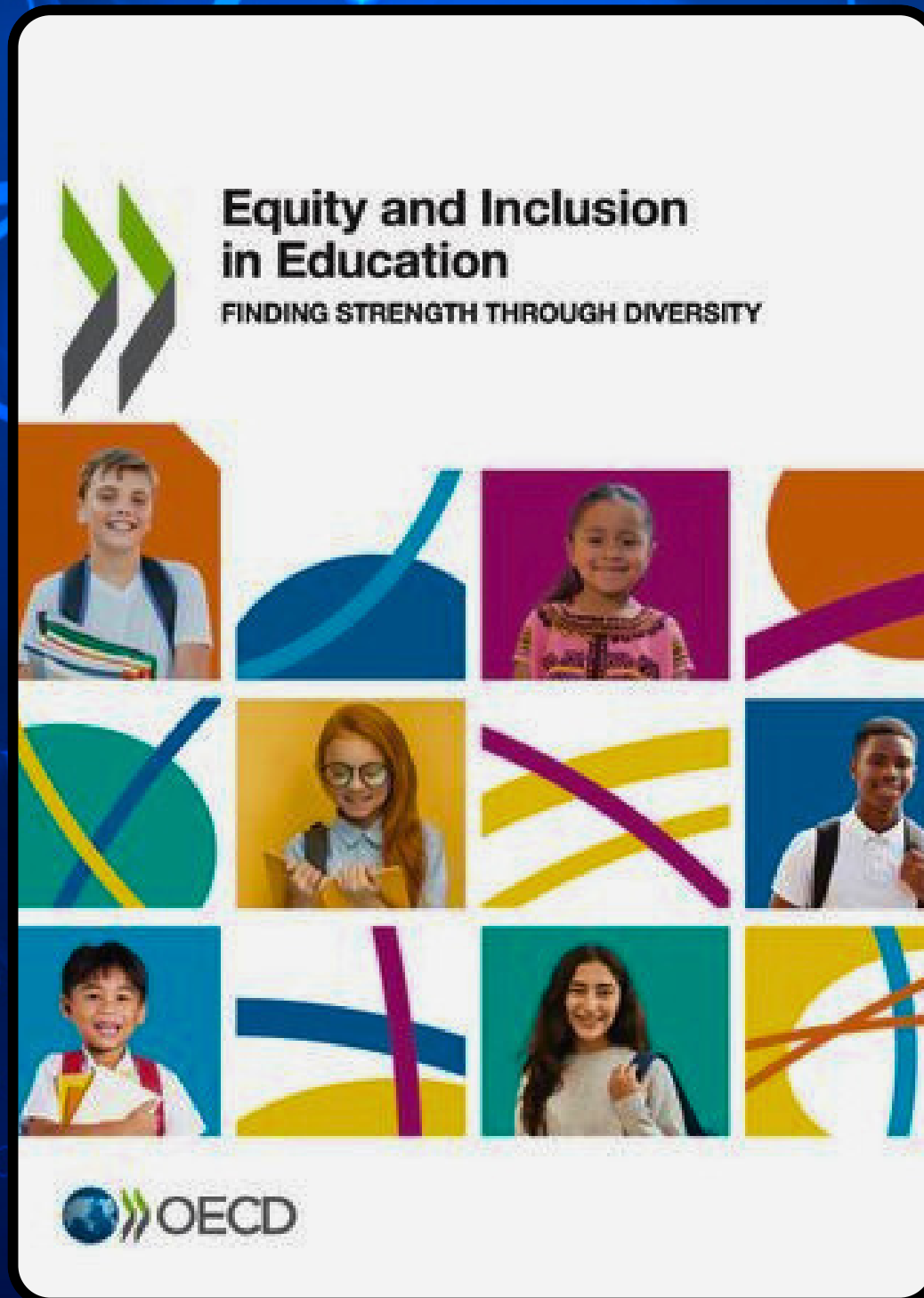






What can we do ?

School-level Interventions



Learning Strategies



Non-instructional Supports

Engagement with Parents

School Climate

What can we do ?

**Learning
Strategies**



**Non-instructional
Supports**

**Engagement
with Parents**

**School
Climate**

What can we do ?

**Learning
Strategies**



**Non-instructional
Supports**

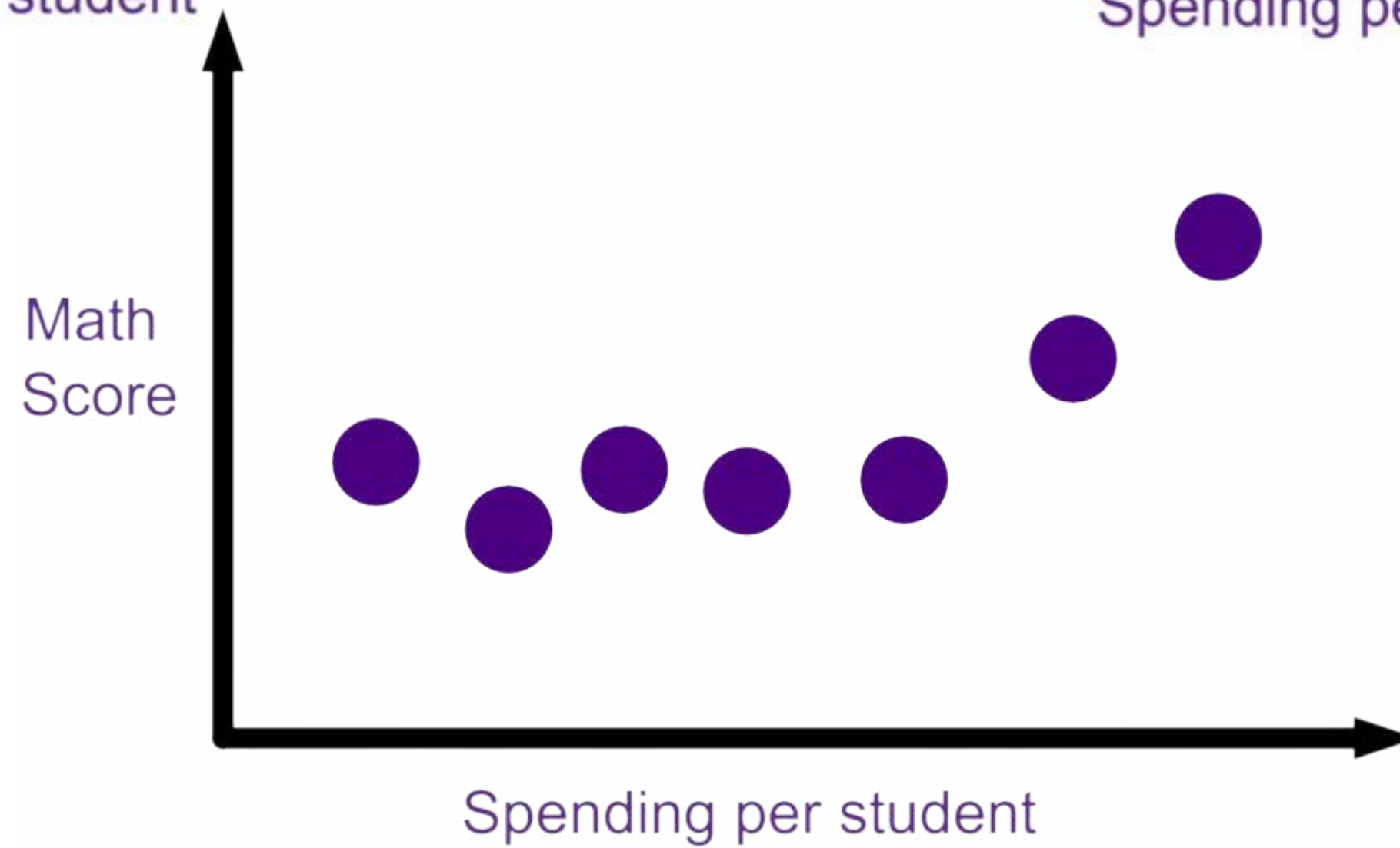
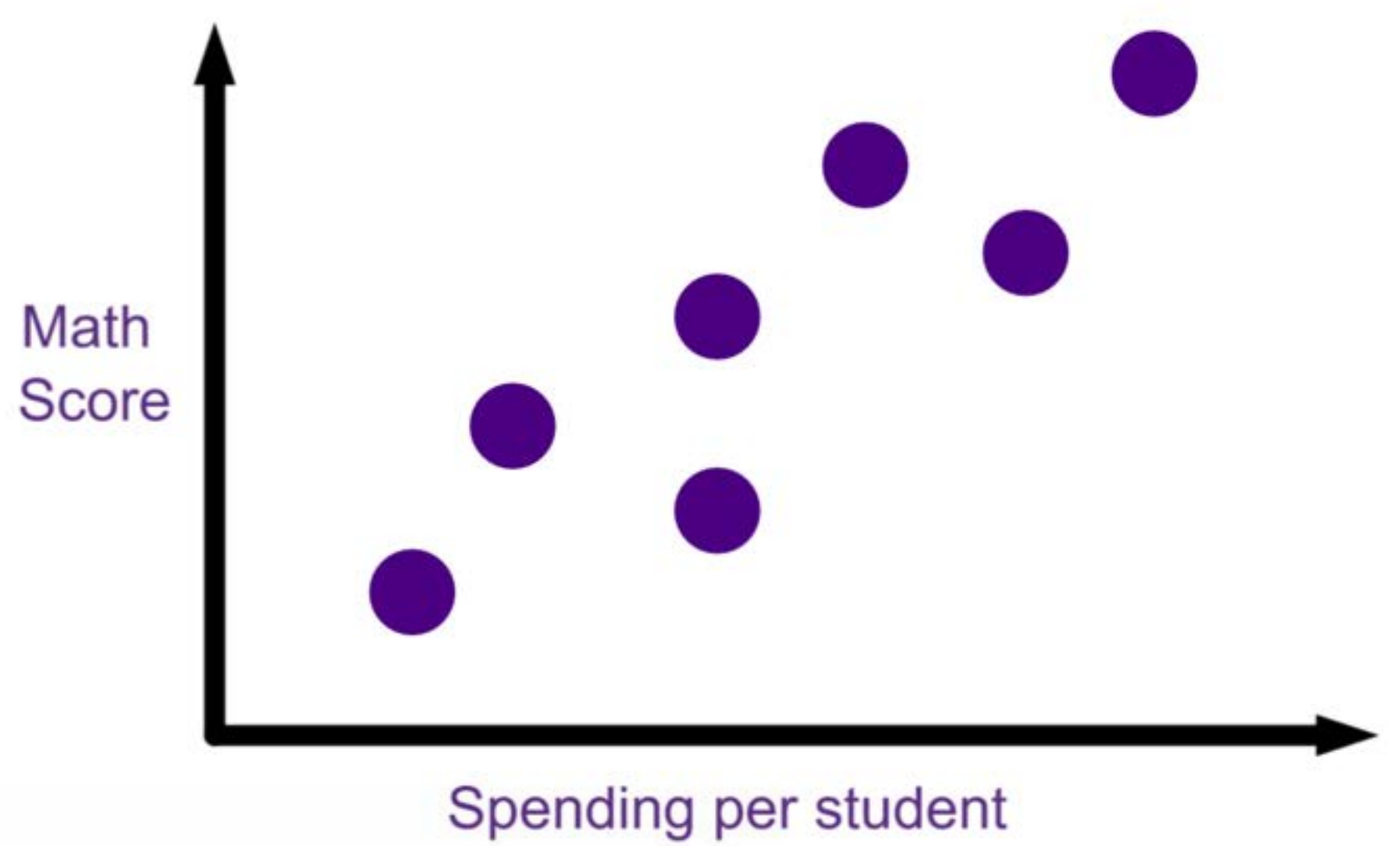
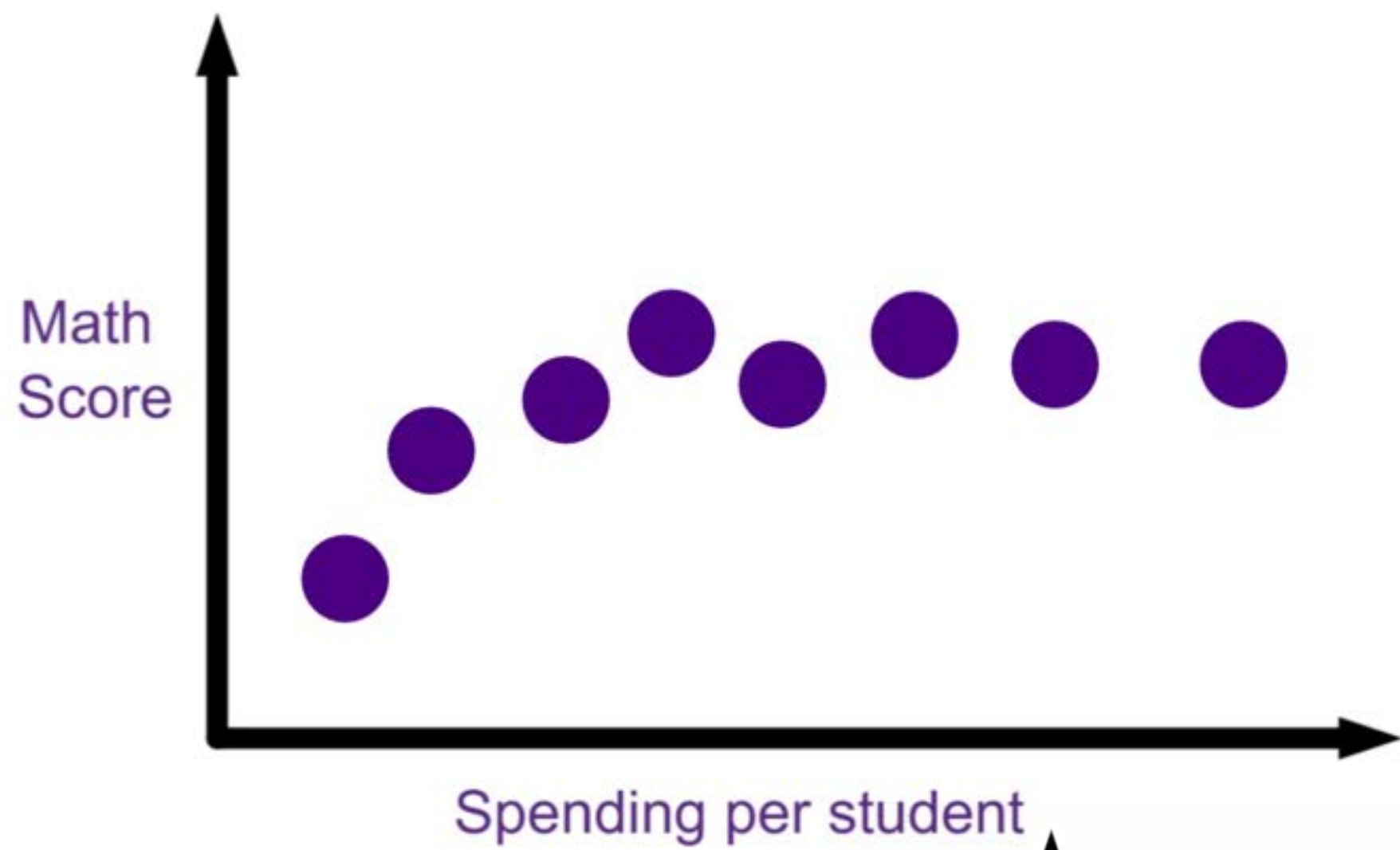
**Engagement
with Parents**

**School
Climate**

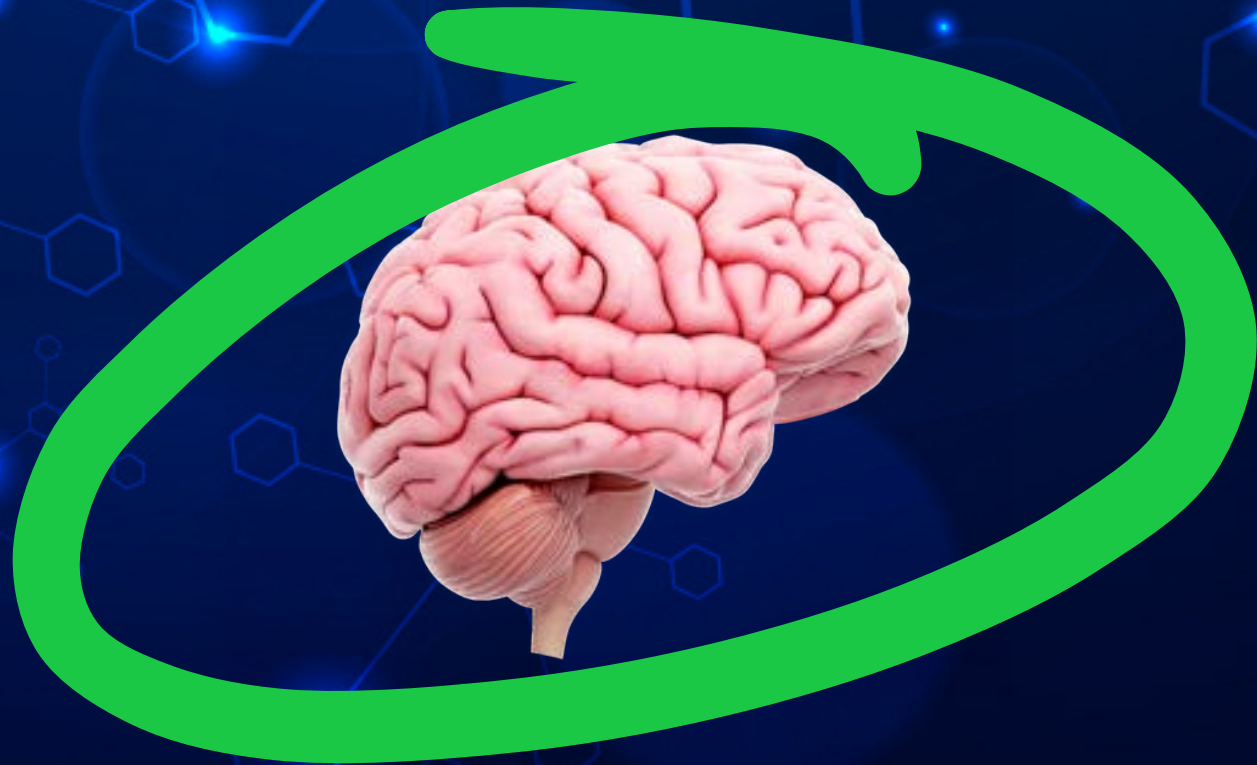


Math
Score

Spending per student



What can we do ?



**Learning
Strategies**



**Non-instructional
Supports**

**Engagement
with Parents**

**School
Climate**

What can we do ?

**Learning
Strategies**



**Non-instructional
Supports**

**Engagement
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**School
Climate**



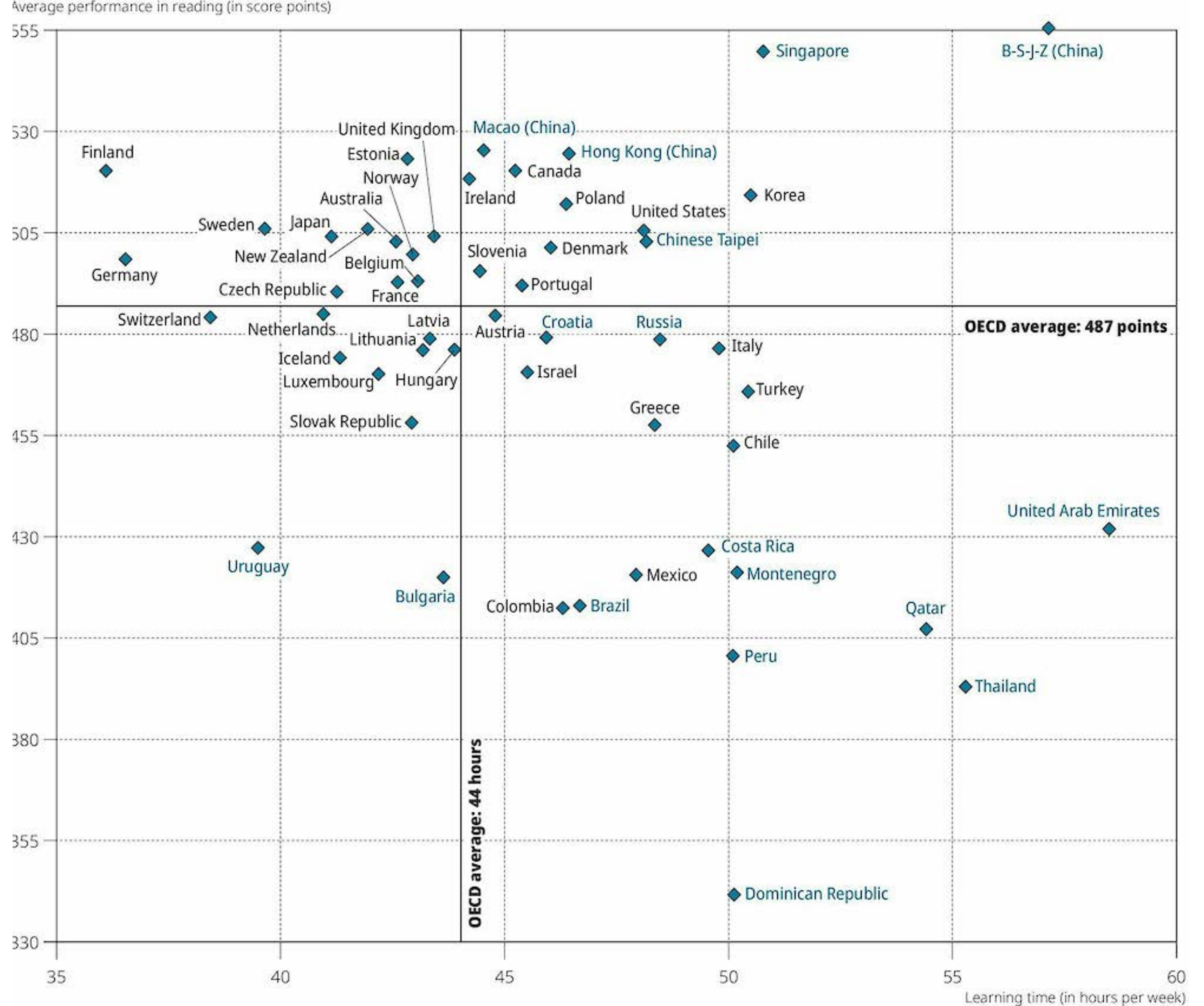
Reading
Score

Learning Time

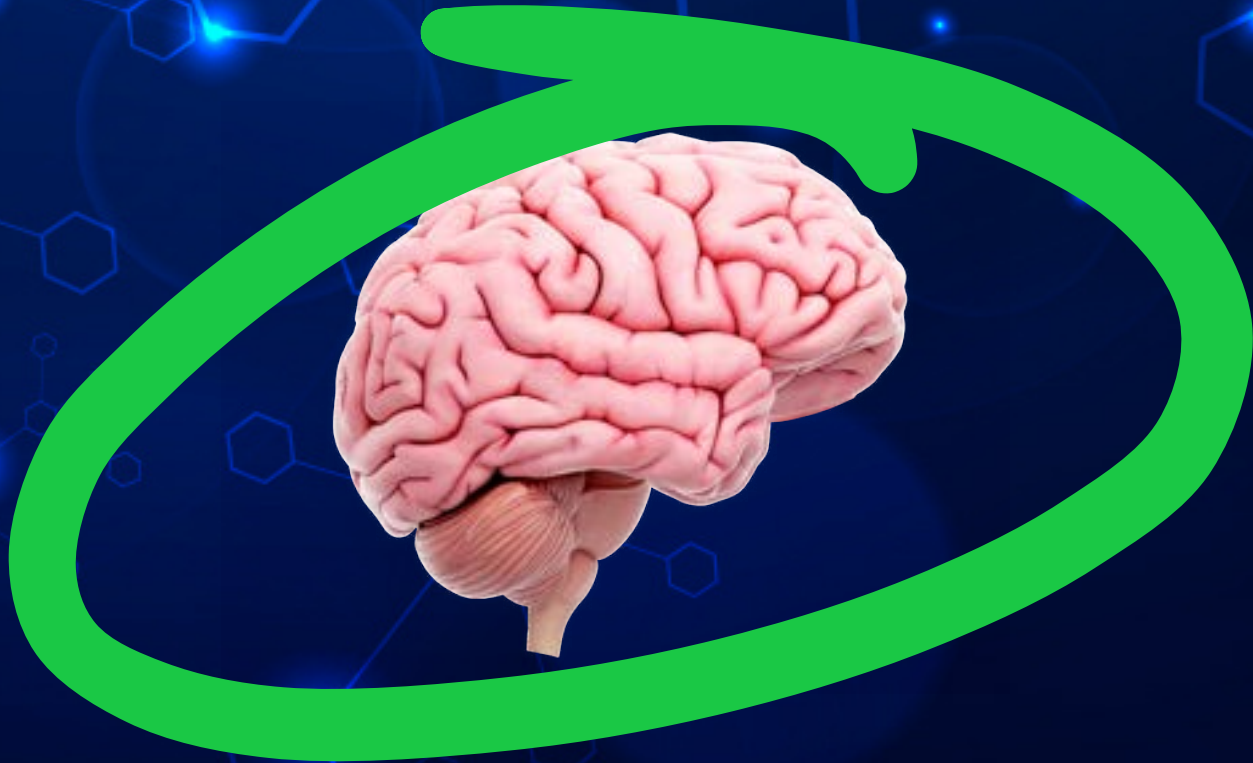
Reading
Score



Learning Time



What can we do ?



**Learning
Strategies**



**Non-instructional
Supports**

**Engagement
with Parents**

**School
Climate**

What can we do ?

**Learning
Strategies**

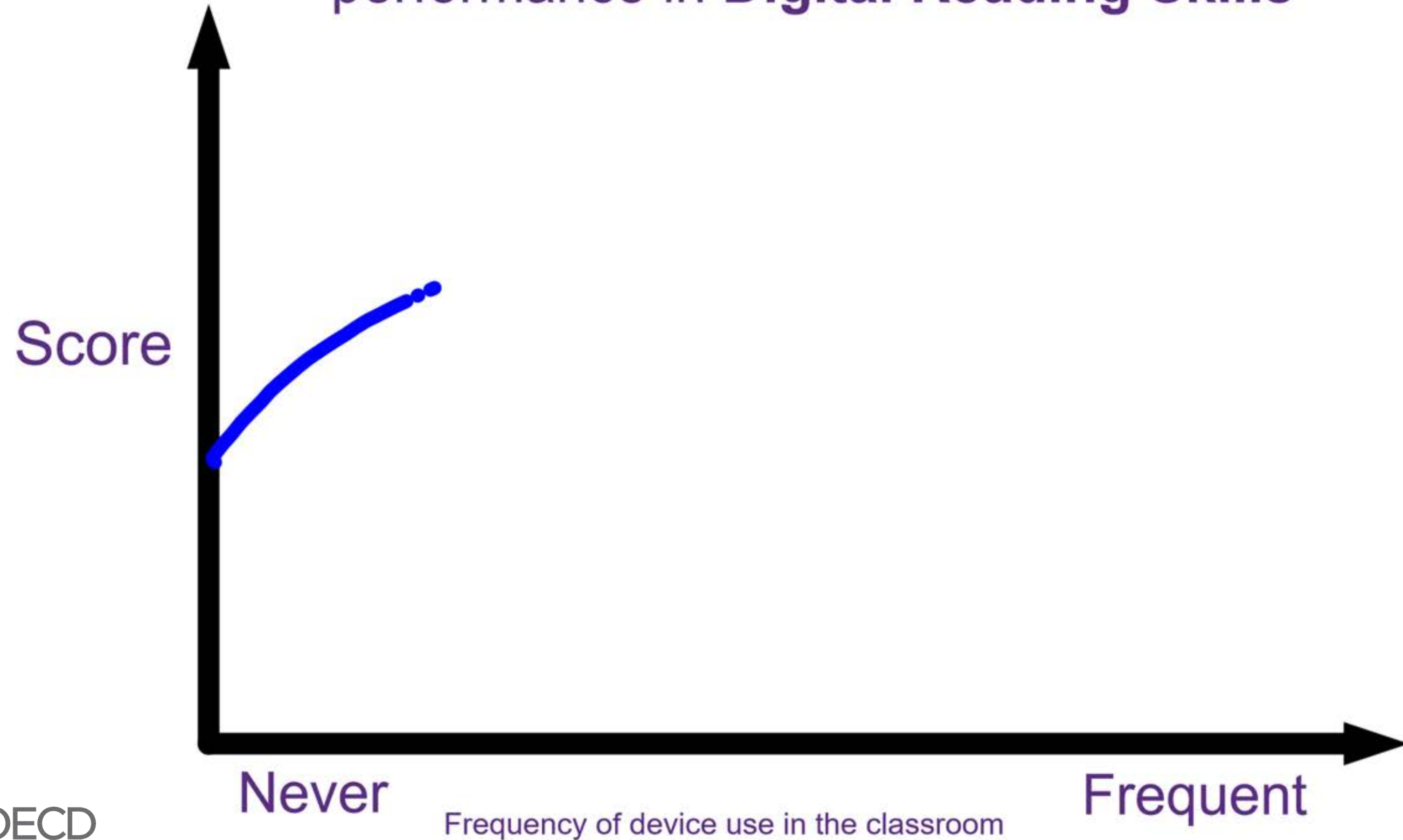


**Non-instructional
Supports**

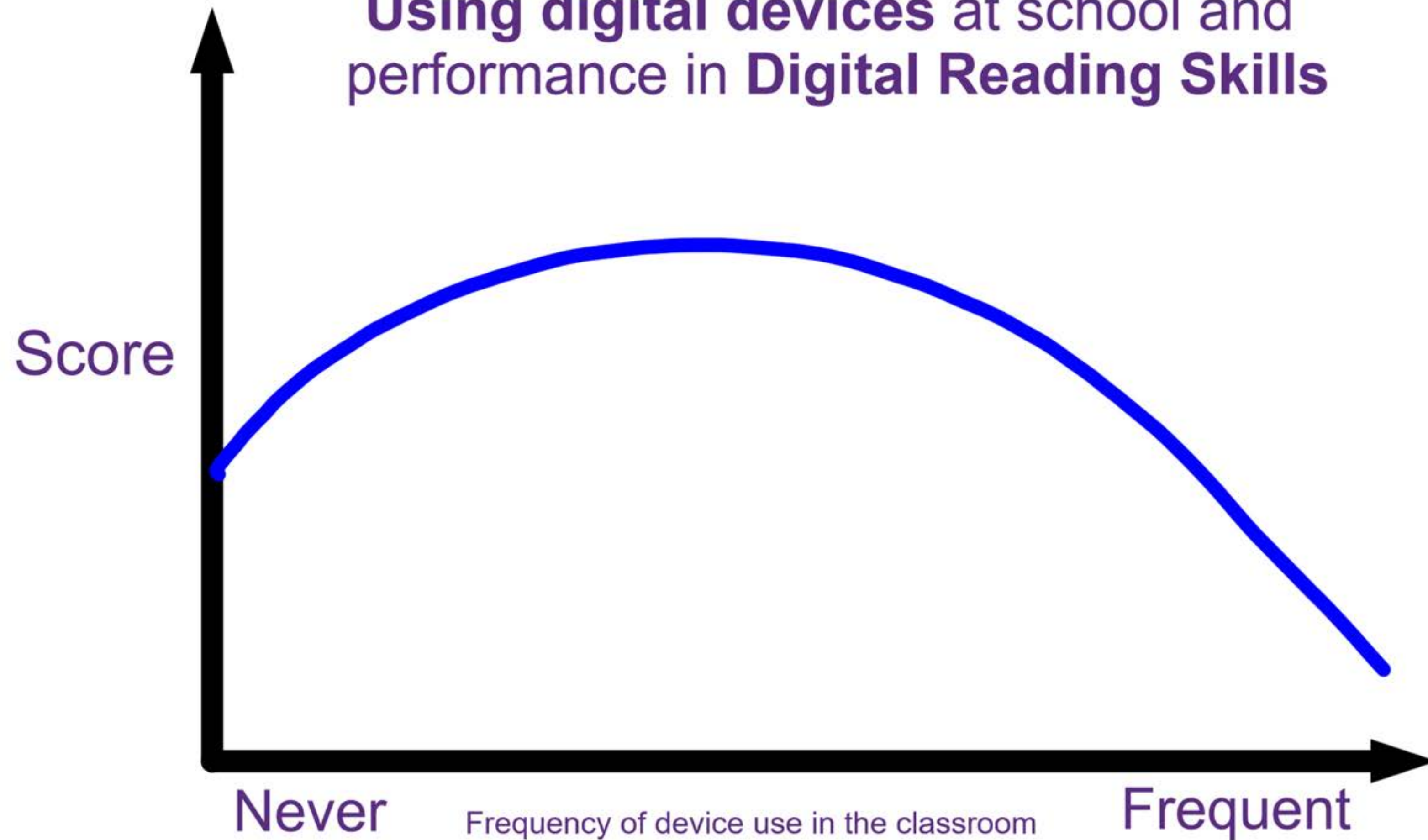
**Engagement
with Parents**

**School
Climate**

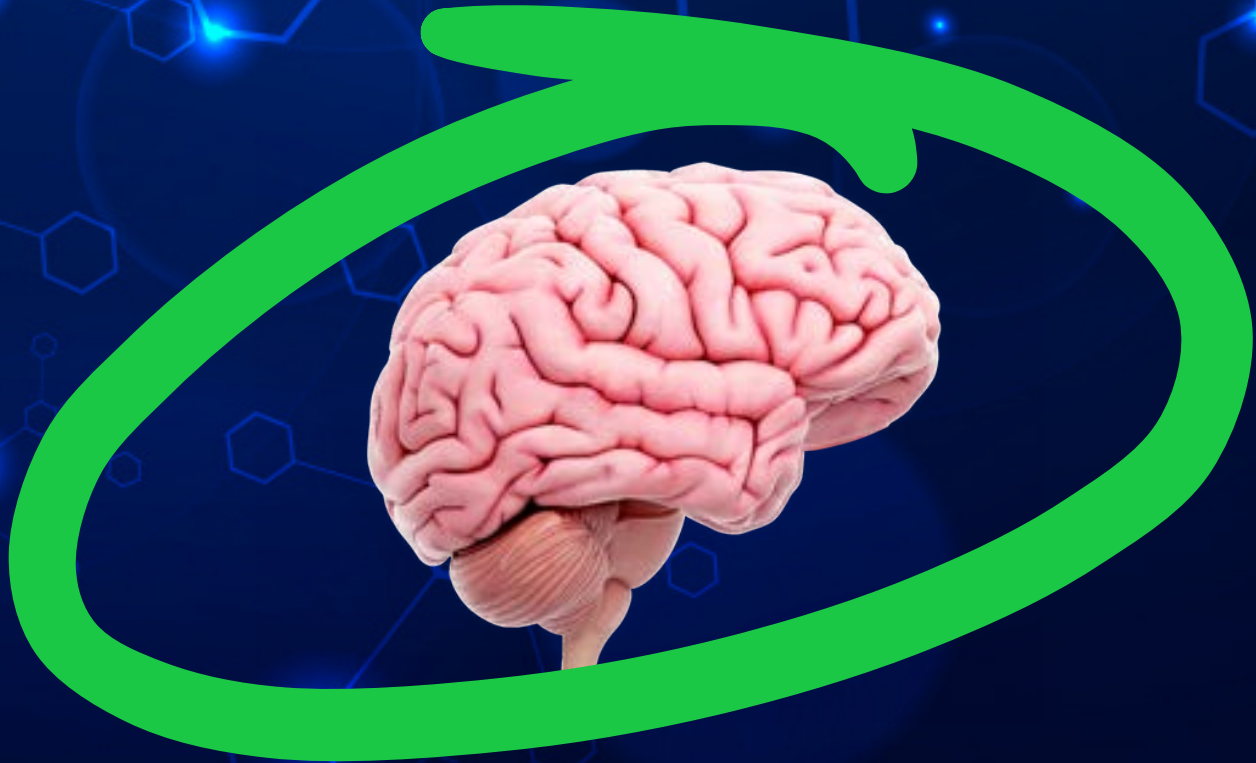
Using digital devices at school and performance in **Digital Reading Skills**



Using digital devices at school and performance in Digital Reading Skills



What can we do ?



**Learning
Strategies**



**Non-instructional
Supports**

**Engagement
with Parents**

**School
Climate**



Why does this happen ?

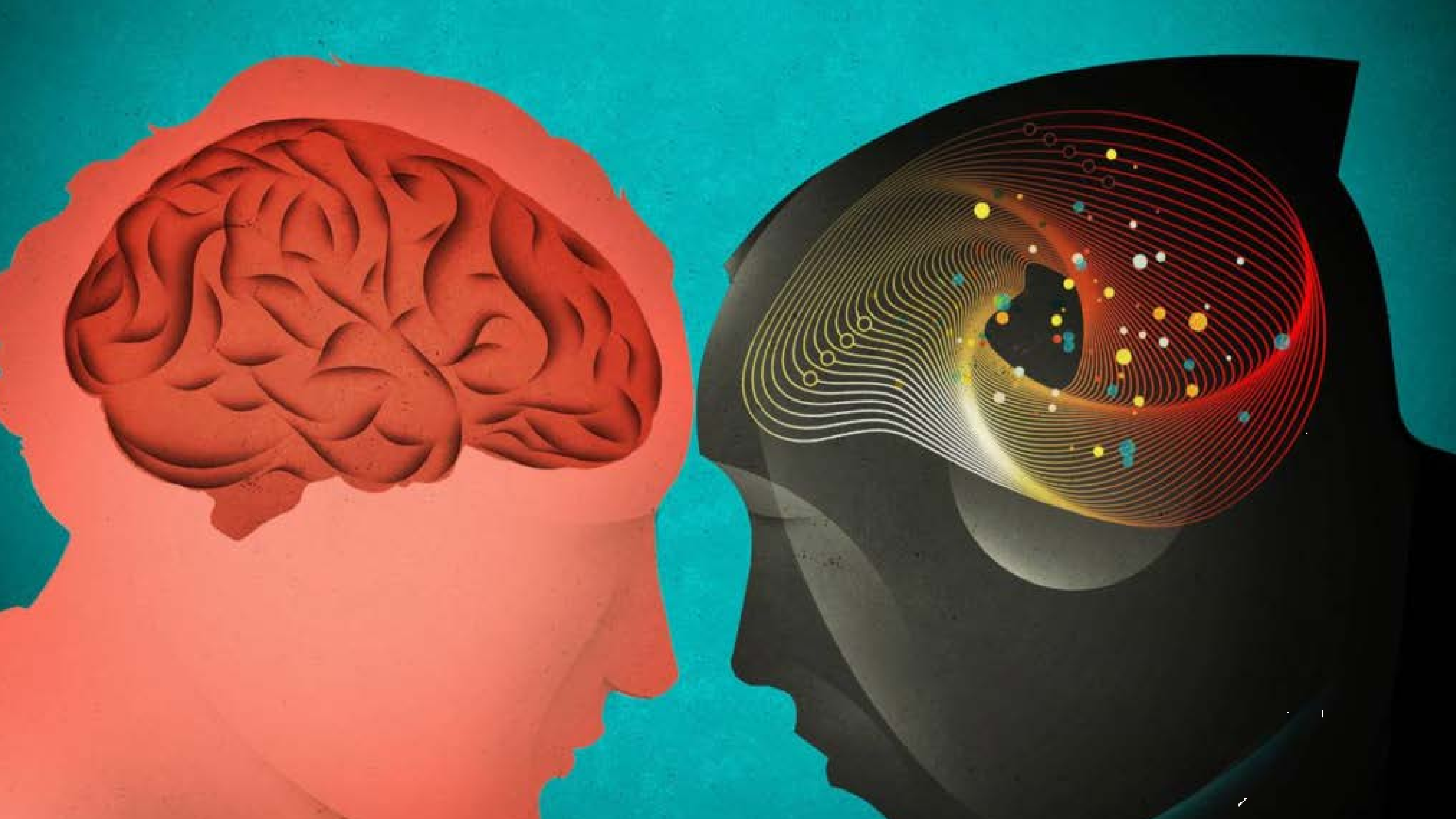


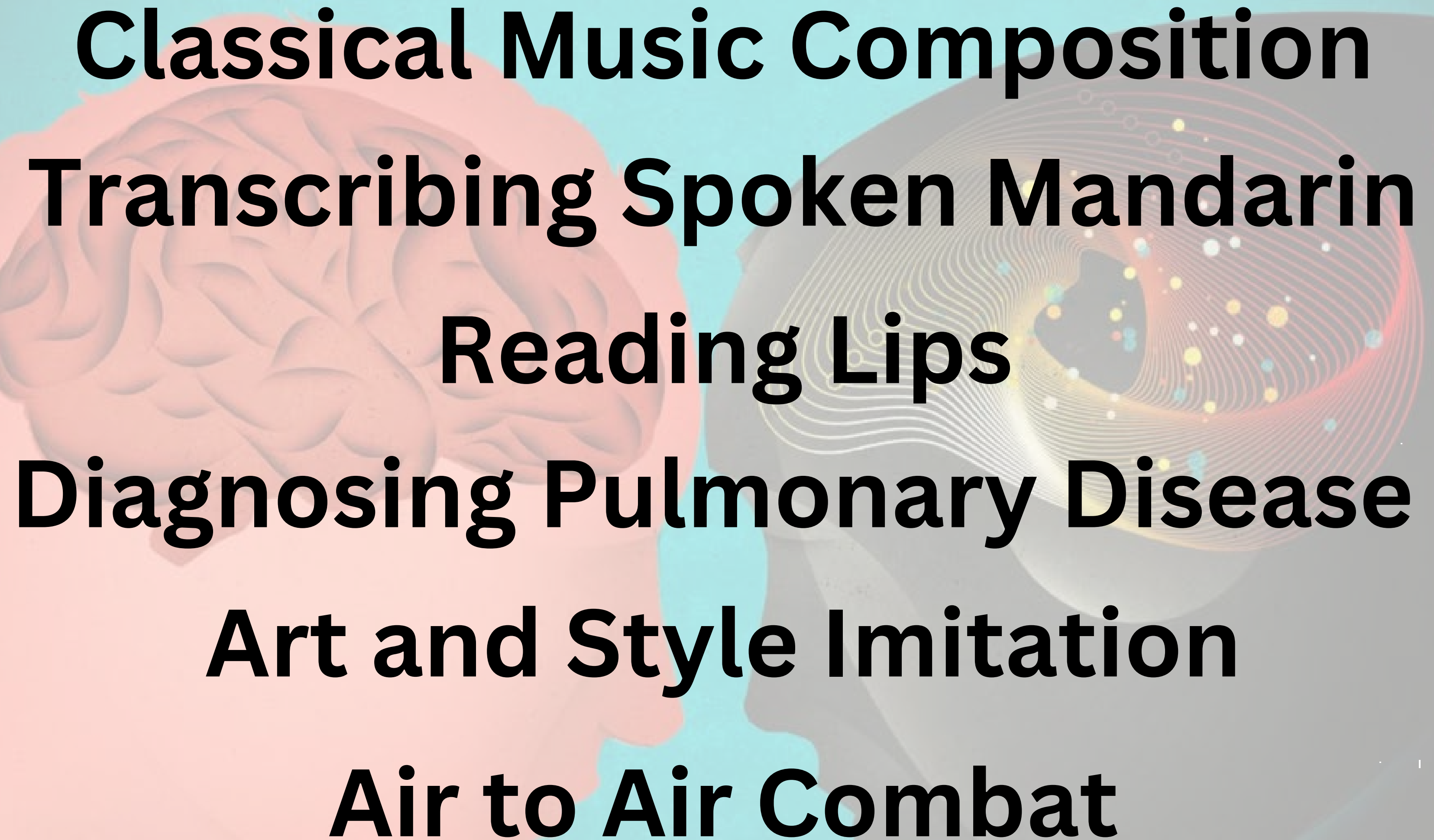


What can we do ?

BE UNCOMFORTABLE

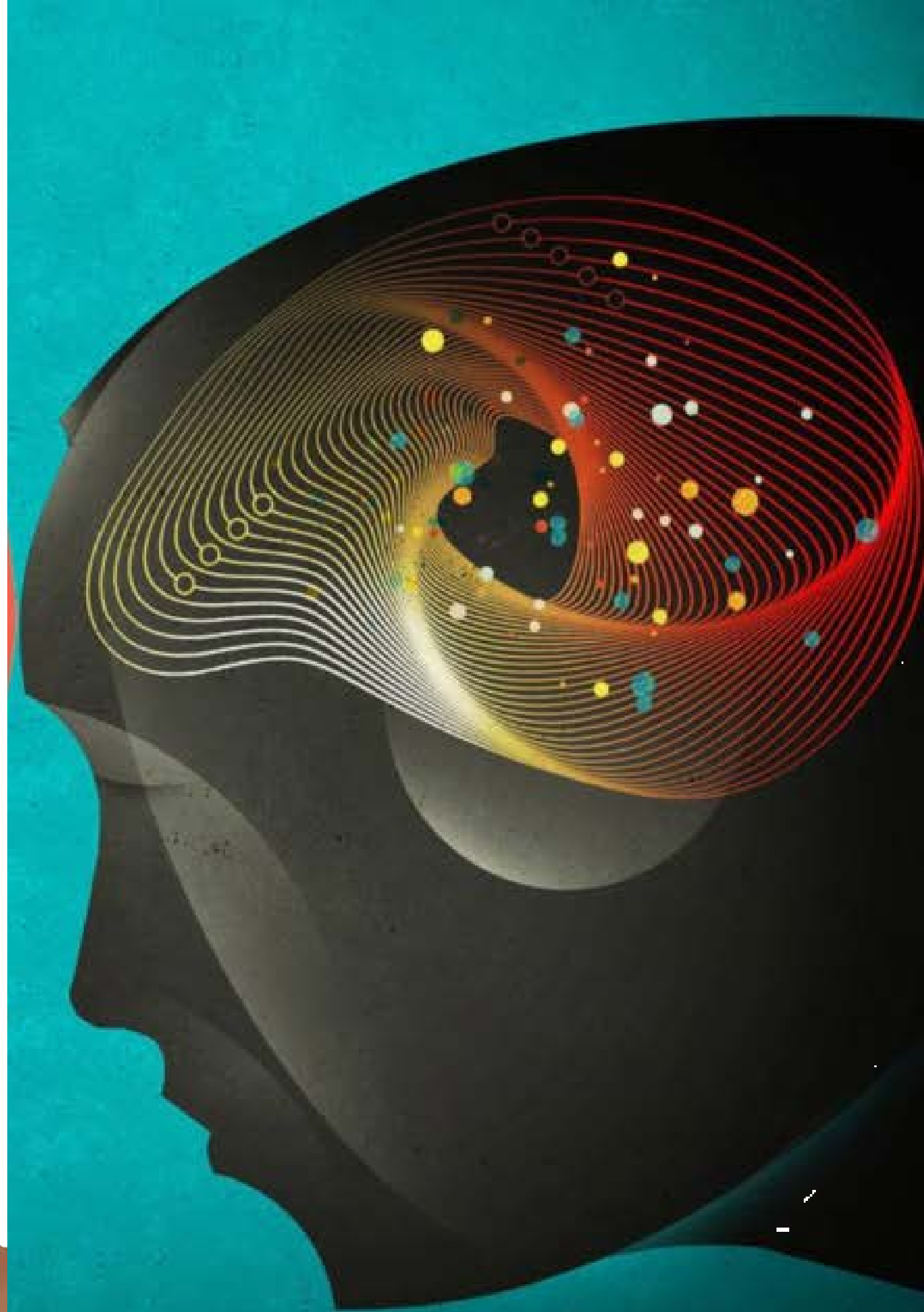




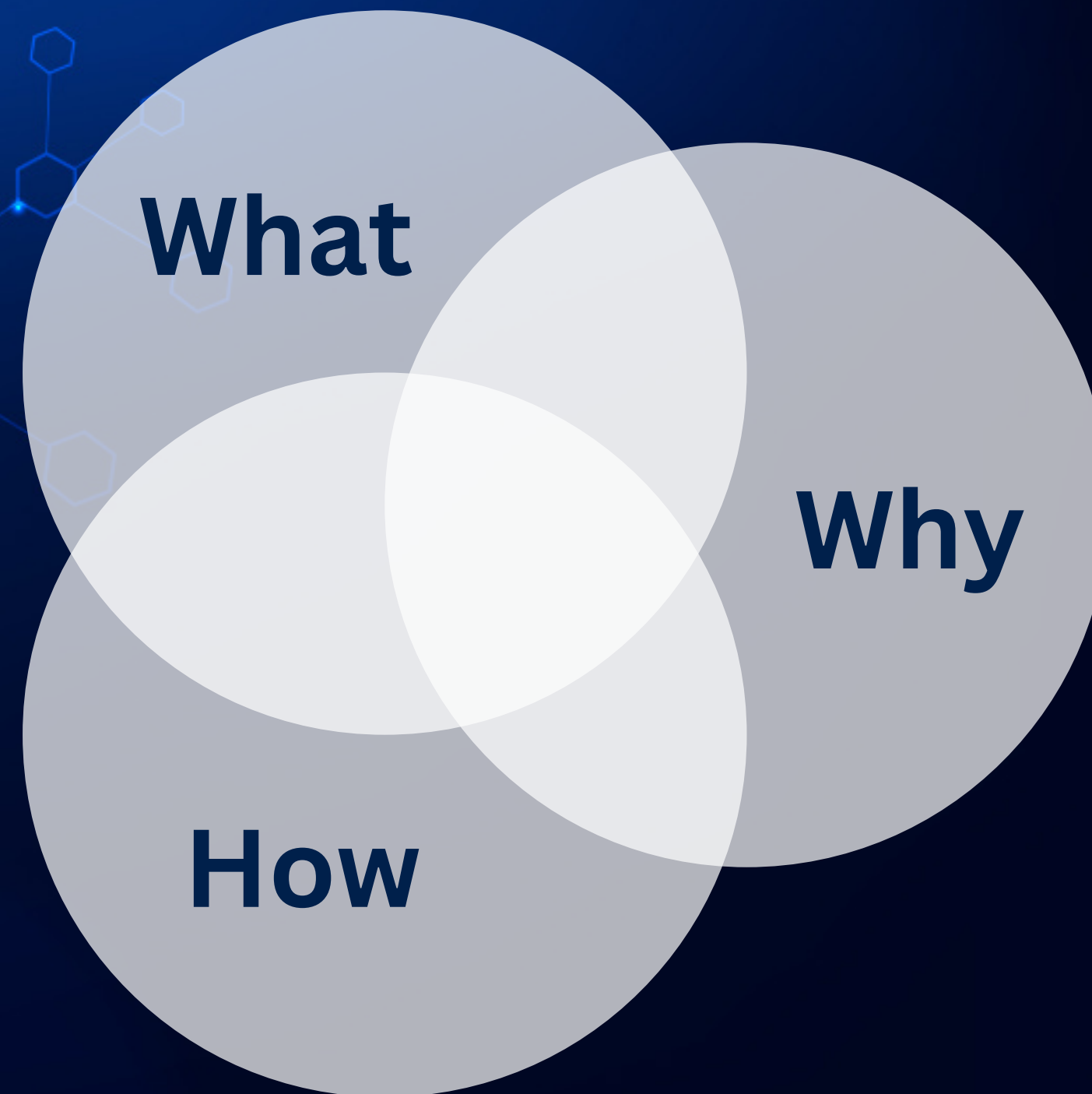
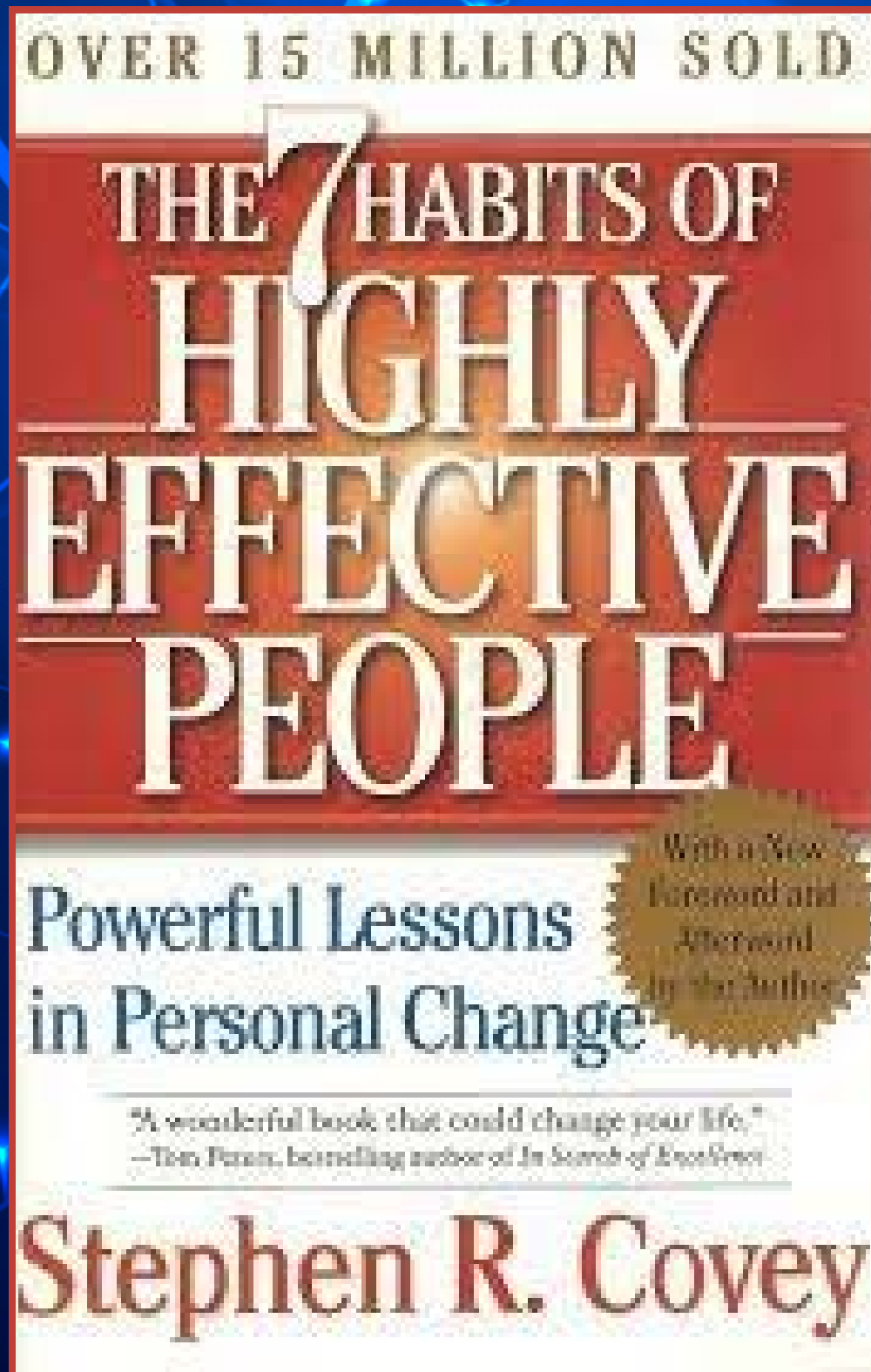


Classical Music Composition
Transcribing Spoken Mandarin
Reading Lips
Diagnosing Pulmonary Disease
Art and Style Imitation
Air to Air Combat

**If AI could do it all,
what would you
have it do ?**

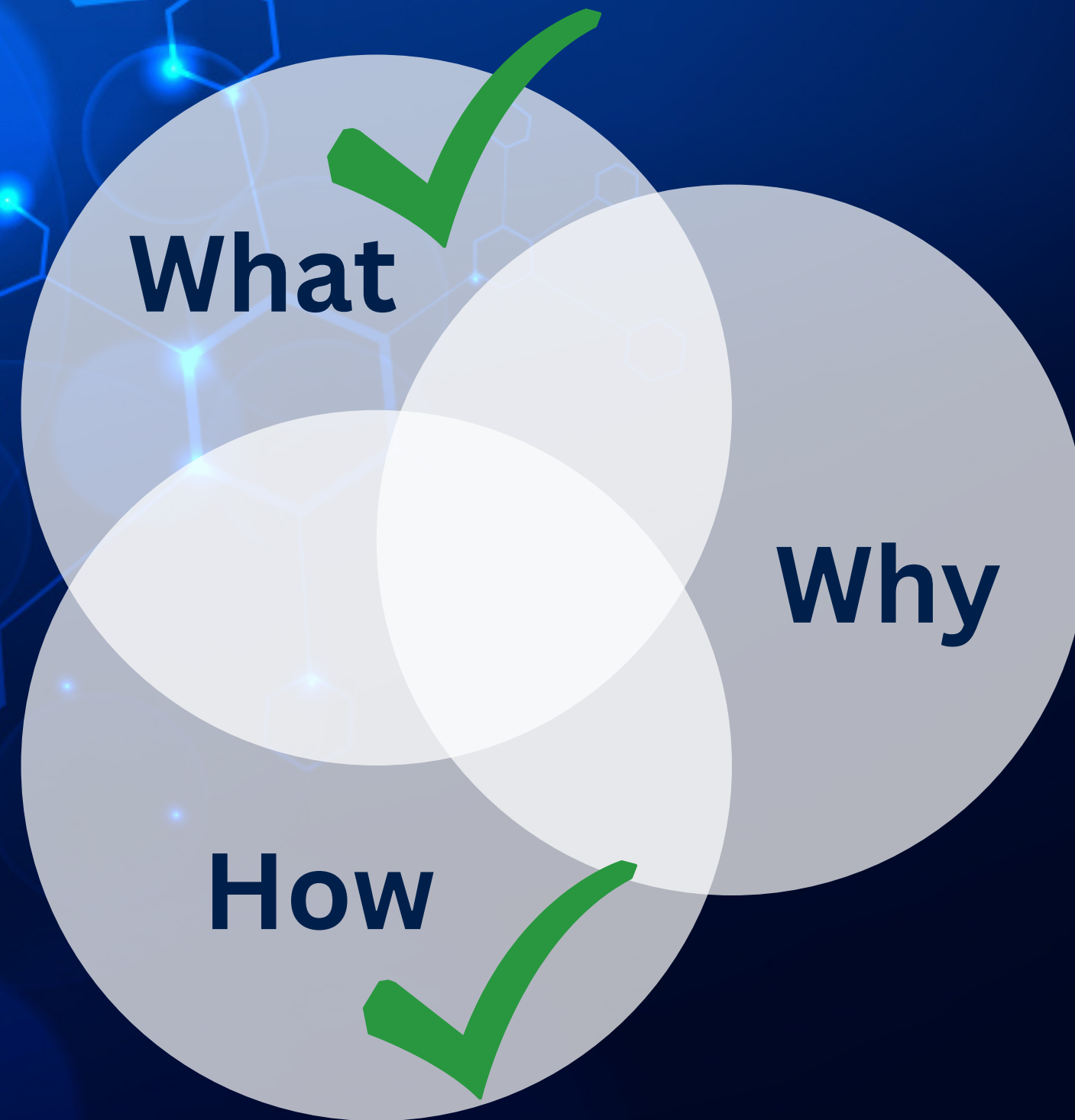


What can we do ? New Behaviours



What can we do ?

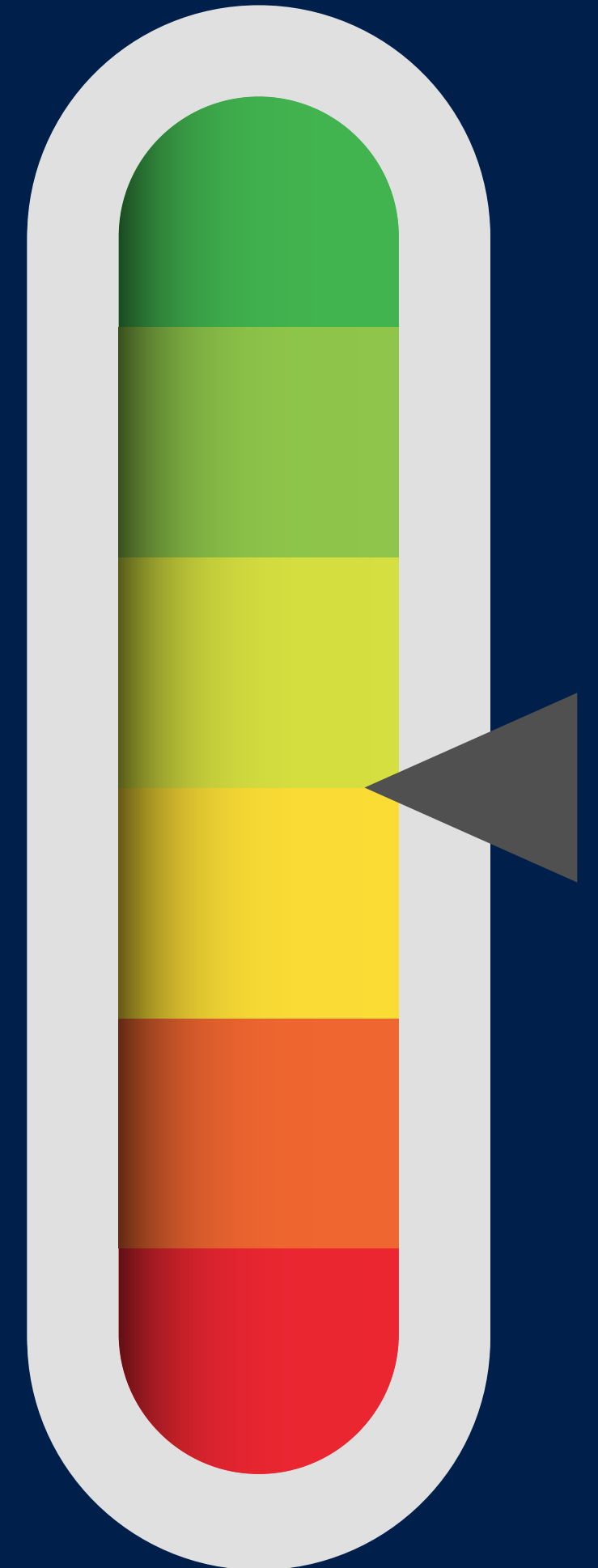
New Behaviours



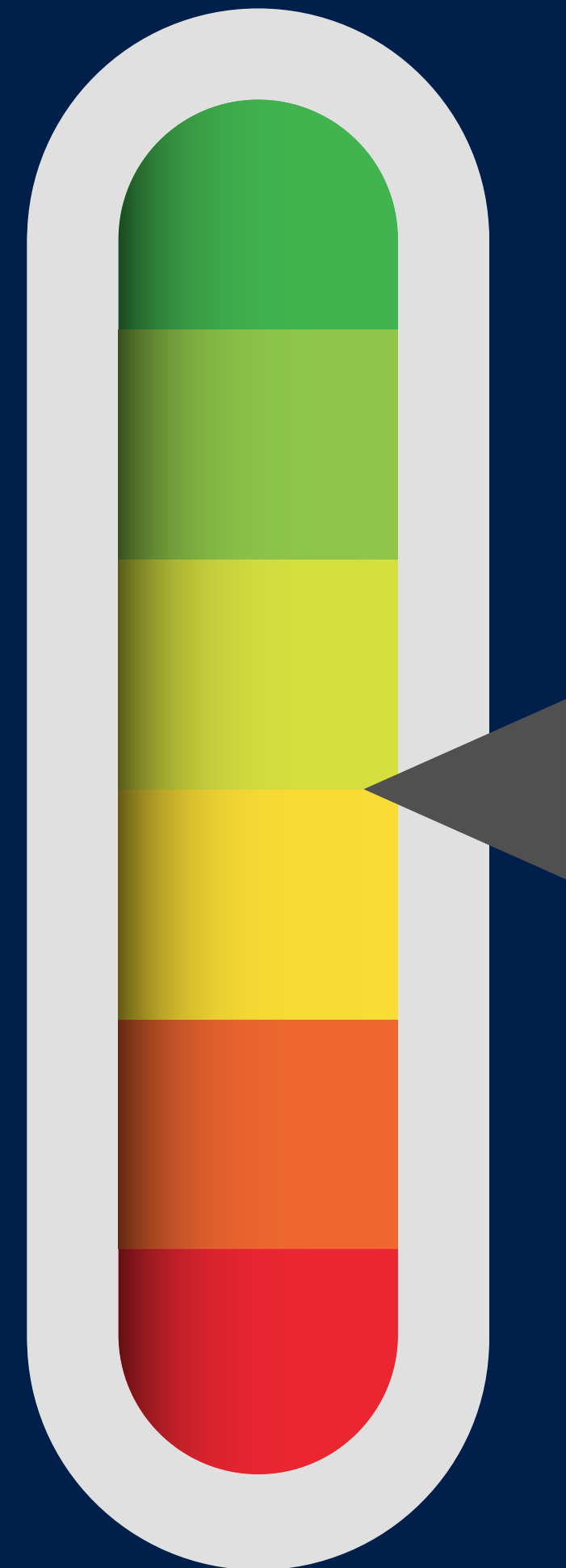
Beliefs



What do you believe ?



True Story . . .



disturbance; 2, a defect in speech, as a stutterer.

im-pel (im-pel'), v.t. [impelled, impelling], to drive forward; force; compel; as, fear and remorse impelled him to confess.

im-pend (im-pend'), v.i. 1, to overhang; as, the sword impending over Napoleon's head; 2, to be at hand; threaten; as, death impends.

im-pen-e-tra-ble (im-pen'-tra-bl'), adj. 1, not capable of being entered; allowing no entrance or passage; as, impenetrable forest; an impenetrable wall; 2, not capable of being understood; as, an impenetrable plot; 3, closed to reason, sympathy, etc.

im-pen-i-tent (im-pen'-tent), adj. not sorry or repentant for one's sin;—n. a hardened sinner.—n. **im-pen'i-tence**.

im-per-a-tive (im-per'-a-tiv'), adj. 1, in grammar, expressing command or exhortation; as, the imperative mood; 2, commanding; peremptory; authoritative; as, an imperative gesture of dismissal; 3, necessary; urgent; as, it is imperative to leave at once;—n. in grammar, the mood expressing command; also, the form of a verb used in this mood.

im-per-cep-ti-ble (im-per'-sep-ti-bl'), adj. 1, so small, slow, or gradual, as hardly to be seen or felt; as, the imperceptible growth of a plant from day to day; 2, too slight to be grasped by the mind; subtle; as, imperceptible shades of meaning.—adv. **im-per-cep-ti-bly**.

im-per-fect (im-per'-fekt), adj. lacking perfection; faulty; incomplete.—**im-perfect tense**, a tense of a verb which indicates action in the past going on but not completed; as, he was walking.—n. the imperfect tense, or a verb in that tense.—adv. **im-per-fect-ly**.—n. **im-per-fee-tion**.

im-pe-ri-al (im-pe'-ri-al), adj. 1, pertaining to an empire or an emperor; as, imperial policies; imperial majesty; 2, splendid; magnificent.—n. a small, pointed beard.—adv. **im-pe'-ri-al-ly**.

im-pe-ri-al-ism (im-pe'-ri-al-izm), n. 1, the power or government of an emperor; 2, the policy of any nation which aims at the acquisition of new territory and, usually, closer union of the territory already possessed.—adv. **im-pe'-ri-al-ist**.

im-per-il (im-per'-il), v.i. [imperilled, imperiling], to put in danger; endanger; as, to imperil one's life to save a child.

im-pe-ri-ous (im-pe'-ri-ous), adj. overbearing; urgent.—adv. **im-pe'-ri-ous-ly**.

im-per-ish-a-ble (im-per'-ish-a-bl'), adj. enduring permanently; immortal; as, he was imperishable fame.

im-per-me-a-ble (im-per'-me-a-bl'), adj. not permitting passage; as, fluids; impenetrable; as, the skin of a rock.

im-per-son-al (im-per'-son-al), adj. 1, not relating to any particular person or thing; as, an impersonal discussion; 2, not existing as a person; as, laws and such are impersonal forces.—**impersonal verb**, a verb which usually has a singular subject, used only in the third person singular, as it seems, it follows.—adv. **im-per-son-al-ly**.

im-per-son-ate (im-per'-son-ate'), v.t. (impersonated, impersonating), 1, to play the part of, esp. on the stage; 2, to typify; represent; as, Jack Canada impersonates Canada.—n. **im-per-son-a-tion**.—n. **im-per-son-a-tor**.

im-per-ti-nent (im-per'-ti-nent), adj. incontinent; rude.—n. **im-per-ti-nence**.

im-per-turb-a-ble (im-per'-turb-a-bl'), adj. calm; serene; not easily excited; as, imperturbable composure.

im-per-vi-ous (im-per'-vi-ous), adj. not permitting entrance or passage; as, slickers are impervious to rain; impenetrable to insult.

im-pe-ti-go (im-pi'-ti-go'), n. a skin disease characterized by pus spots which later become crusted.—adv. **im-pe-tig'i-nous**.

im-pet-u-ous (im-pet'-u-ous), adj. 1, rushing with force and violence; as, an impetuous wind; 2, acting with sudden energy; passionate; impulsive; as, an impetuous child.—n. **im-pet-u-ous-ness**.

im-pe-tus (im-pi'-tus), n. 1, the force or momentum by which a moving body tends to overcome resistance and go on moving; 2, a moving force; stimulus; incentive; as, the desire for fame was impetus to action.

im-pi-e-ty (im-pi'-e-ti), n. [pl. impieties], 1, lack of religious reverence; 2, an act of irreverence or wickedness.—adv. **im-pi-ous**.—adv. **im-pi-ous-ly**.

im-pinge (im-ping'), v.i. to strike upon, against; as, rays of light impinge on the eye.

im-plish (im-plish'), adj. mischievous.

im-pla-ca-ble (im-pla'-ka-bl'), adj. [pl. implacables], not able to be pacified or appeased; relentless; as, implacable hatred.—adv. **im-pla'-ca-bly**.

im-ple-ment (im-pli'-ment), n. an instrument, tool, or utensil; as, garden implements.—v.t. to make possible, or

im-ple-ment (im-pli'-ment), v.t. to make possible, or

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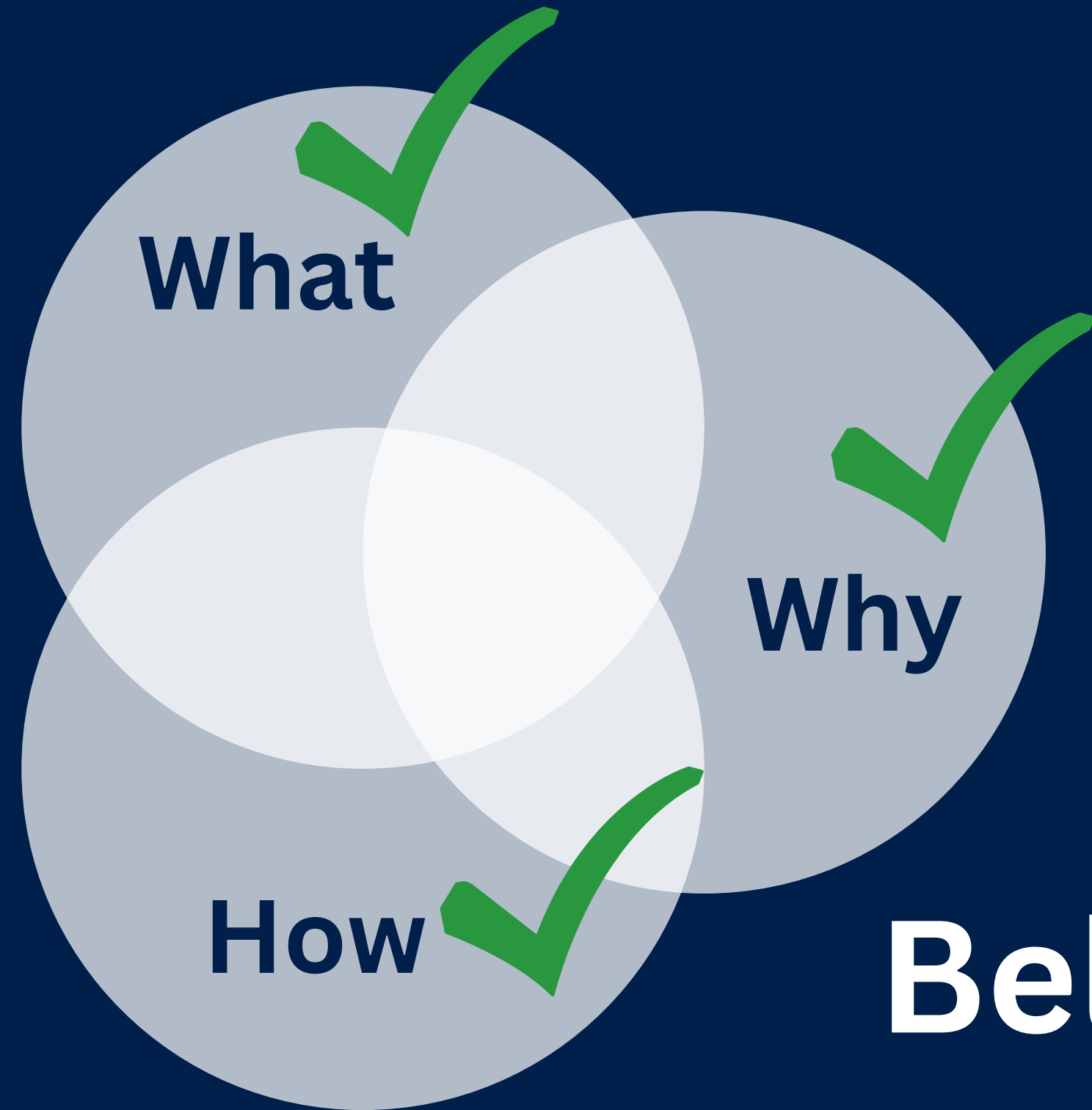
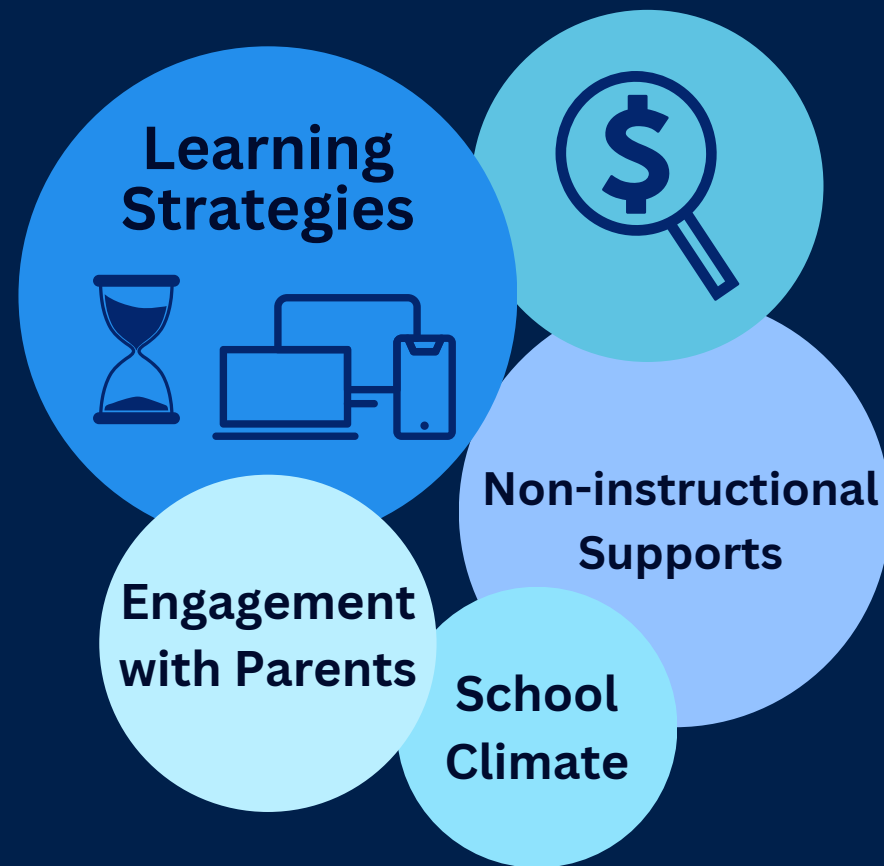
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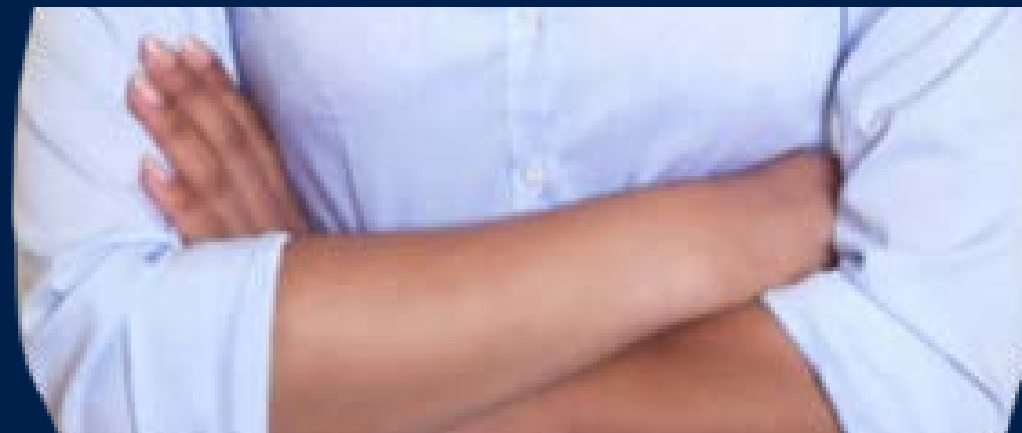
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Believe





That is still not enough . . .



That is still not enough . . .

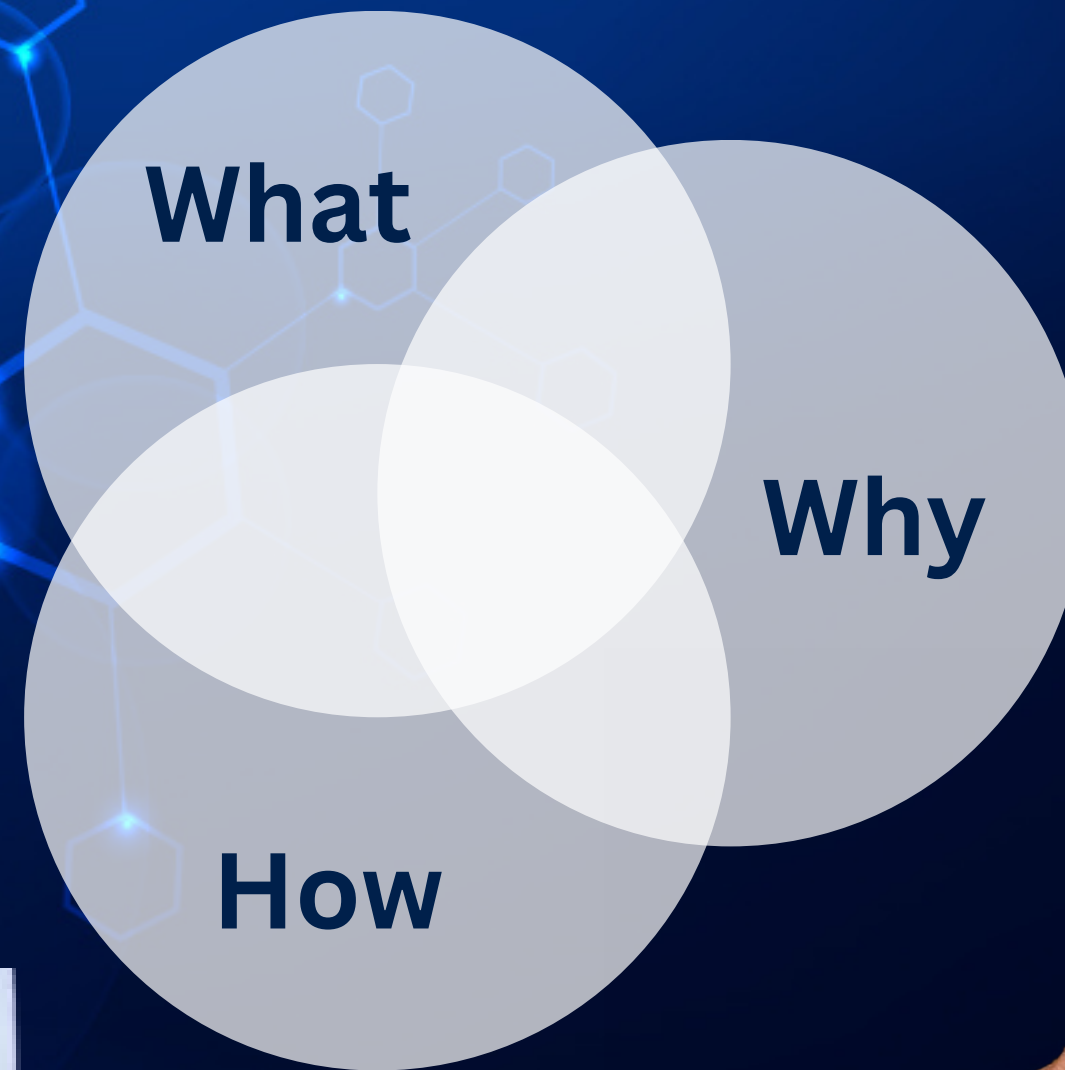
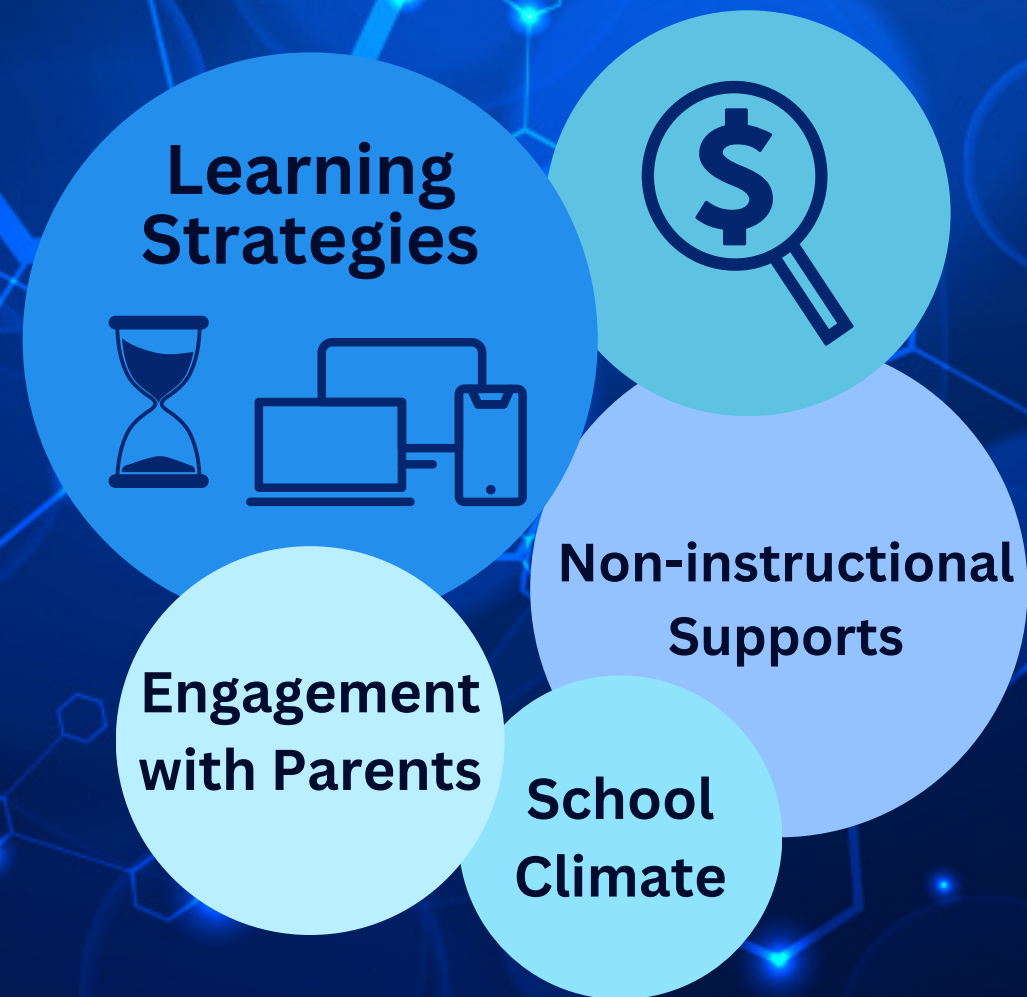
**The group with the
most points wins!**

What can we do ?

Collaborate!



What can we do ?



Believe



Collaborate!



THANK YOU!!

direct.me/gbrotto

