

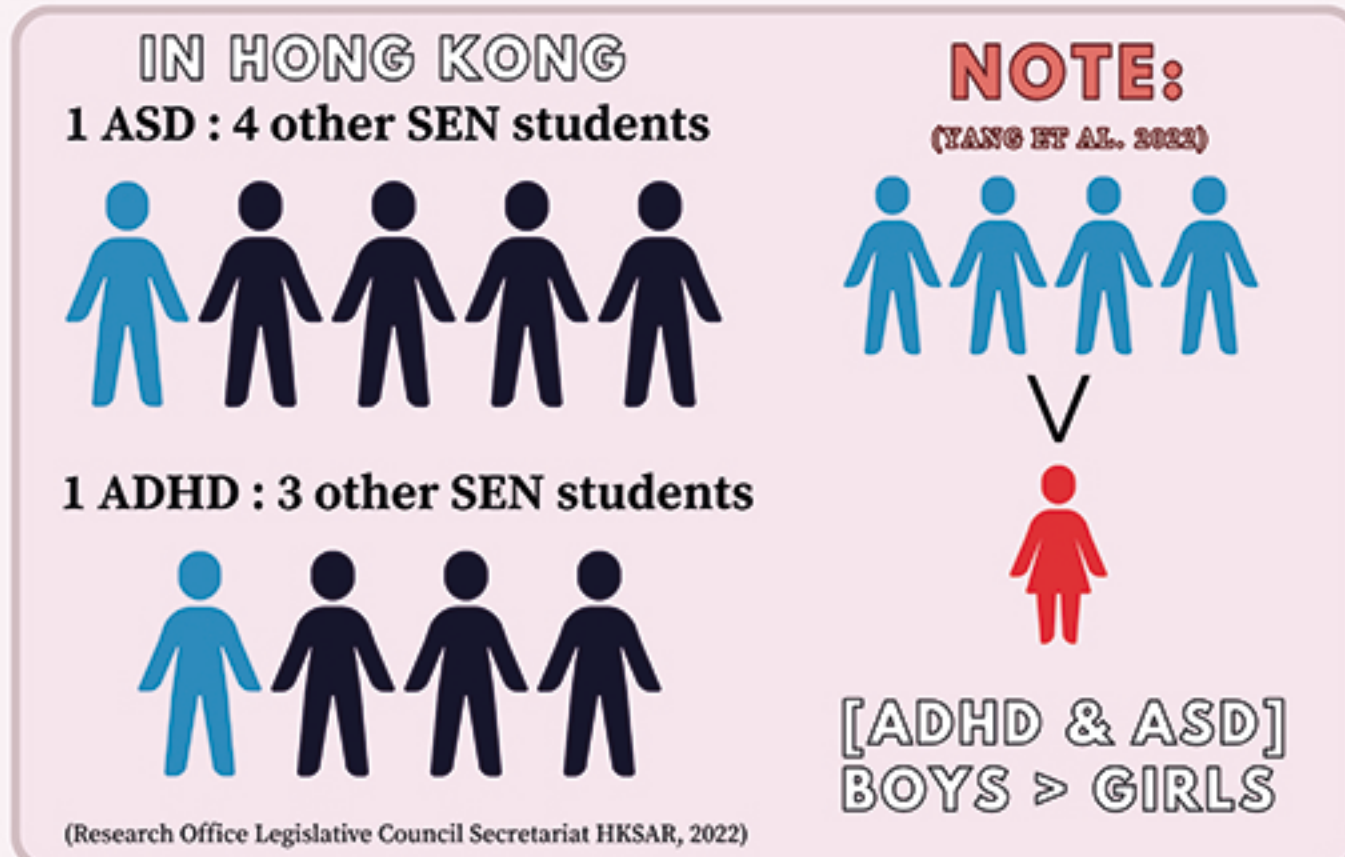
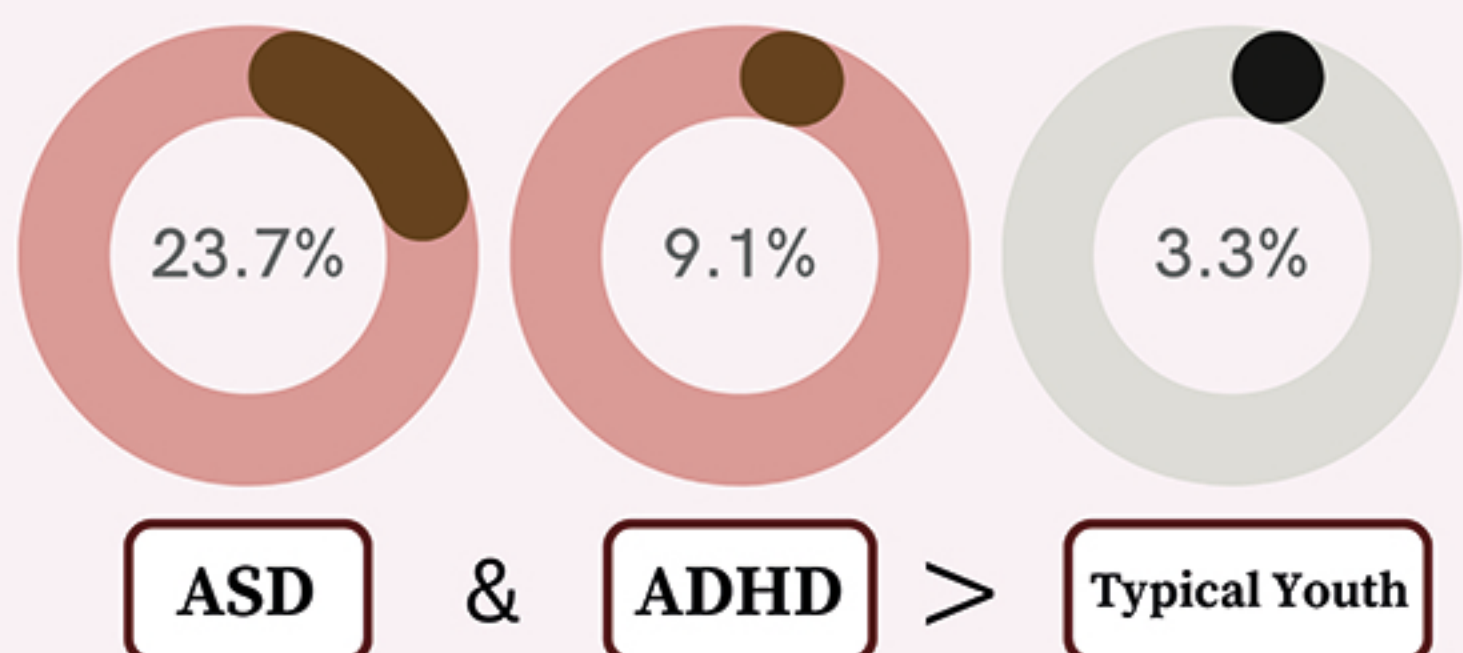
How to motivate autistic/ ADHD children with REINFORCEMENT?

BACKGROUND

LACK OF MOTIVATION IN CONTINUING THEIR EDUCATION


First year (undergraduate) drop-out for

(Bakker et al., 2023; DuPau et al., 2018)



W **H** **Y** (Chevallier et al., 2012) **ASD**
 sense social reinforcers (eg, teacher's happy face)

(Sonuga-Barke, 2003) **ADHD**
 30% smaller temporal capacity: want quick rewards

Easily demotivated 

Intern stories

ASD - CHILD A

Obsessed with bus & Projector **Red Ball**

Eyes always on projector
Even when teacher showed unhappy face

"You would get ONE red ball for eyes on me each time." by social worker

Child A tried to look at the screen & the worker
Eventually get 32 red balls → trade 1 BUS sticker

● = something he likes & understands as rewards
Facial expression = something he doesn't understand

ADHD - CHILD B

Cannot sit still & raise his hand before speaking

"I would give you candy at the end of the month, if you sit still and raise hands." does not help.

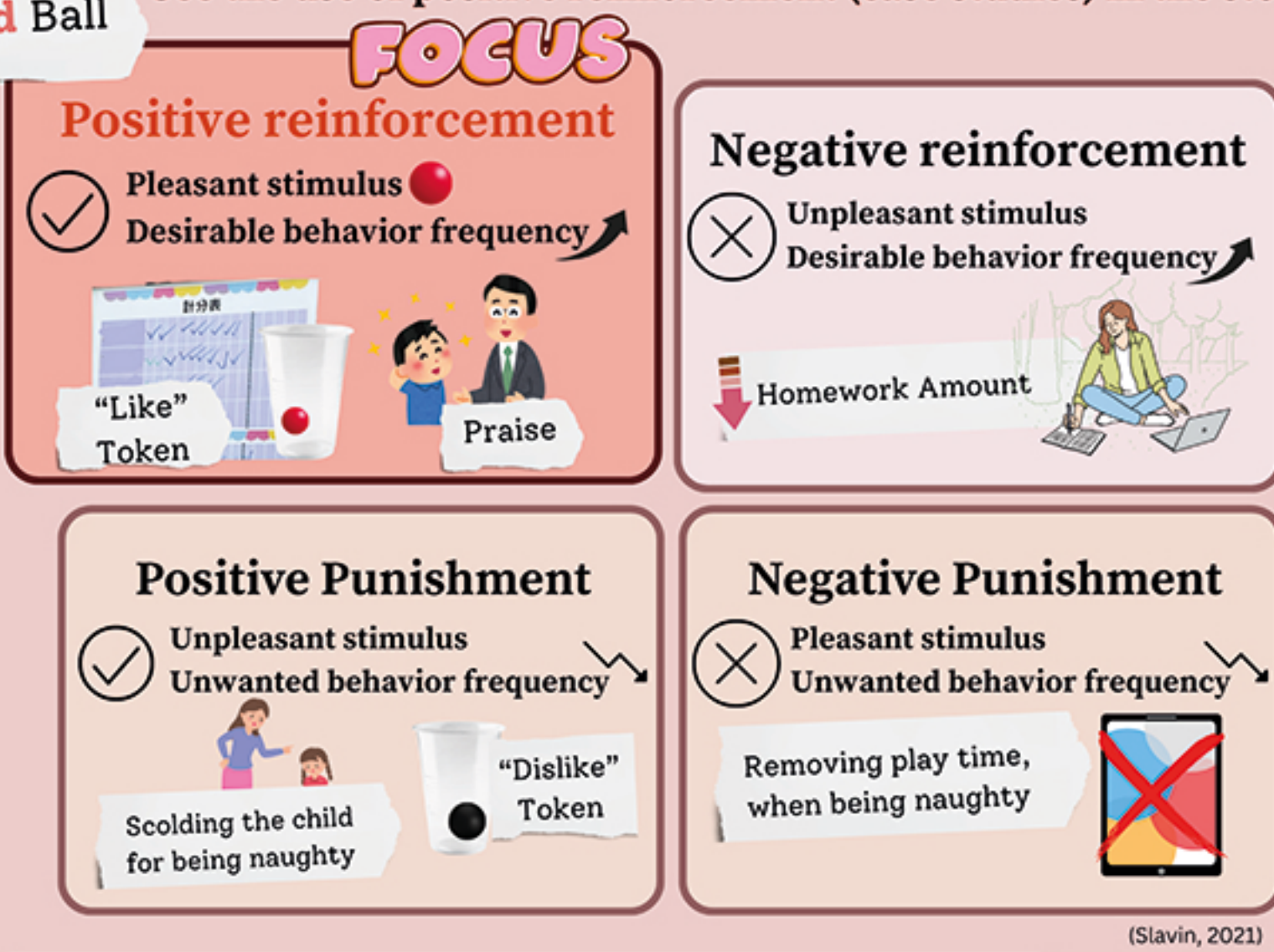
"You would immediately get ONE tick on the score sheet, if you can sit still or raise your hand," works by educational psychologist

Child B tried to sit still and raise hands then
Eventually got 10 ticks → trade 10-min play time

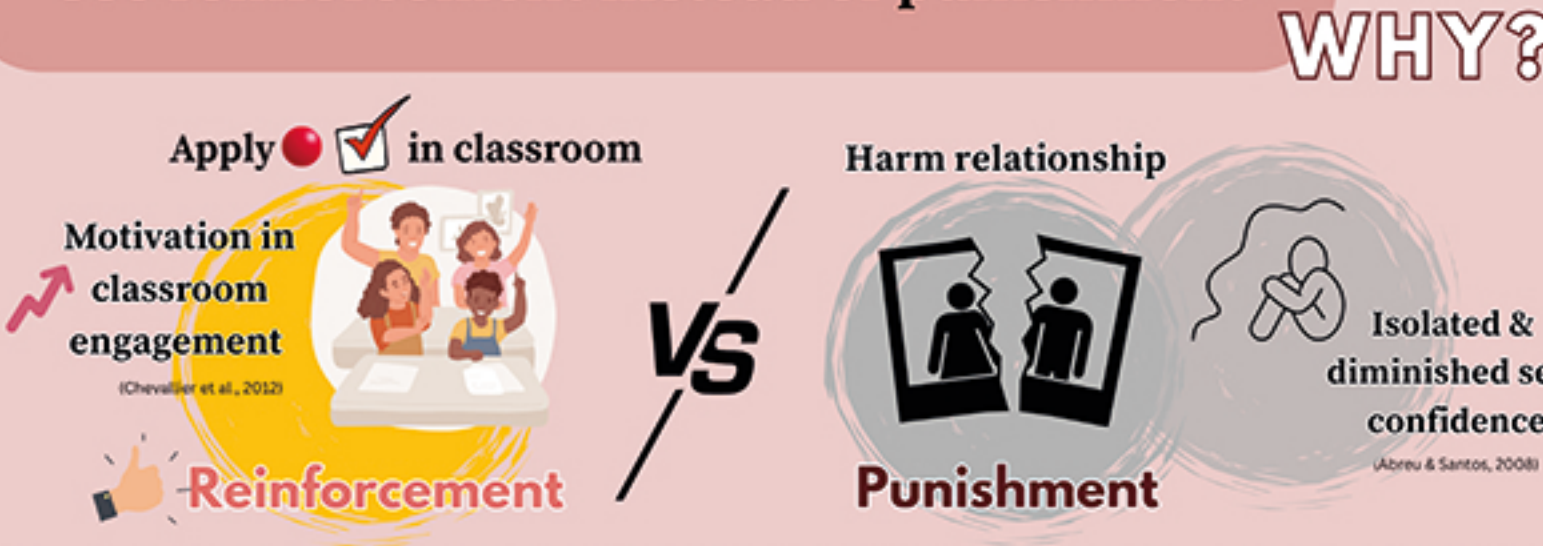
✓ = immediately visible feedback = rewards
Delayed rewards = something he doesn't understand

HOW TO MOTIVATE THEM?

See the use of positive reinforcement (case studies) in the stories!



Use reinforcement instead of punishment



CONCLUSION

SDG Target 4.5

List of abbreviations

ADHD: Attention Deficit Hyperactivity Disorder
ASD: Autistic Spectrum Disorders
SEN: Special Educational Needs

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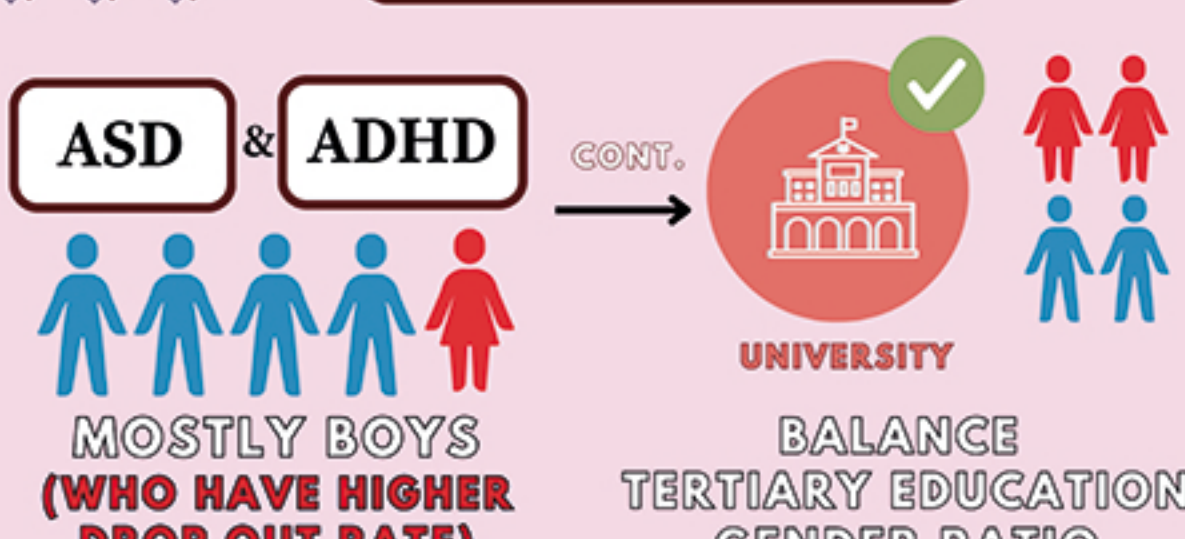
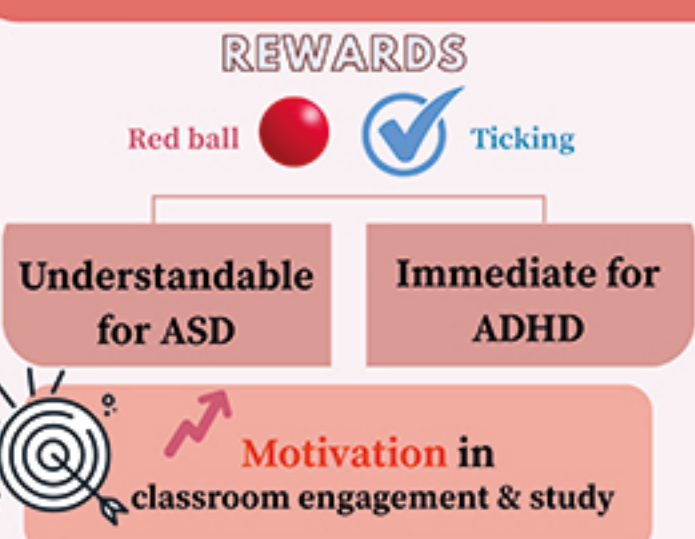
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TAKE-HOME MSG

Praise or give tangible rewards right after the ASD/ ADHD children behaving properly!