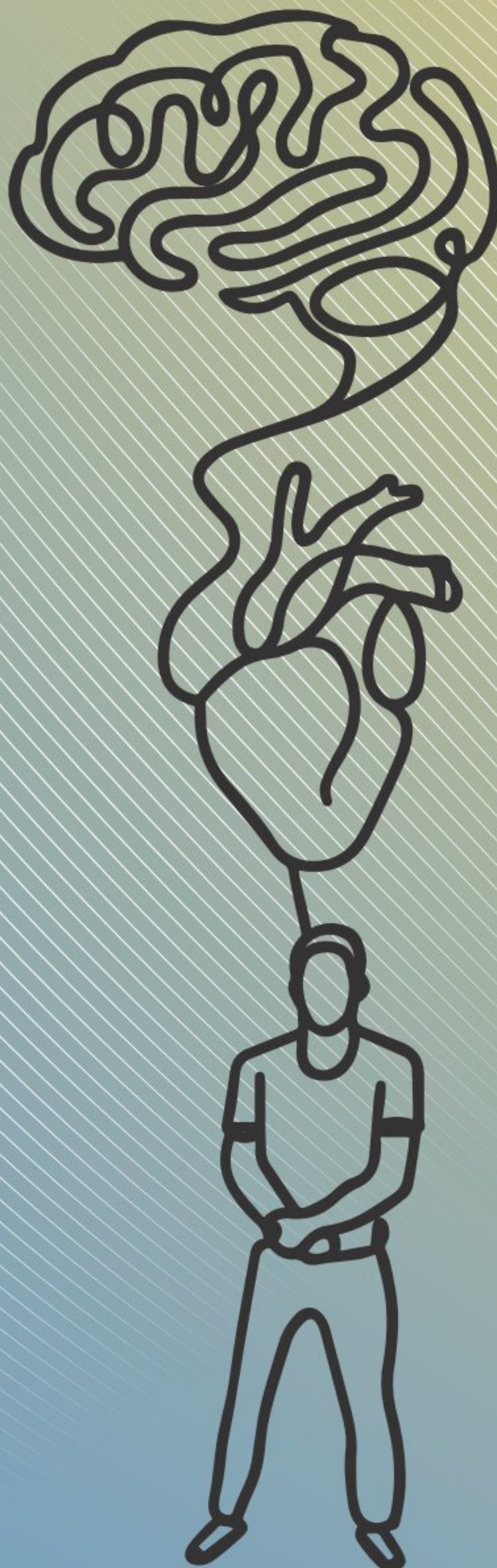


EDUMAT+

GUIDELINES FOR THE USE OF STEAM AT SCHOOL



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AUTONOMY & PROBLEM SOLVING

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GAMIFICATION

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STIMULATING ENVIRONMENT

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OBSERVATION & MEDIATION

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DIALOGUE

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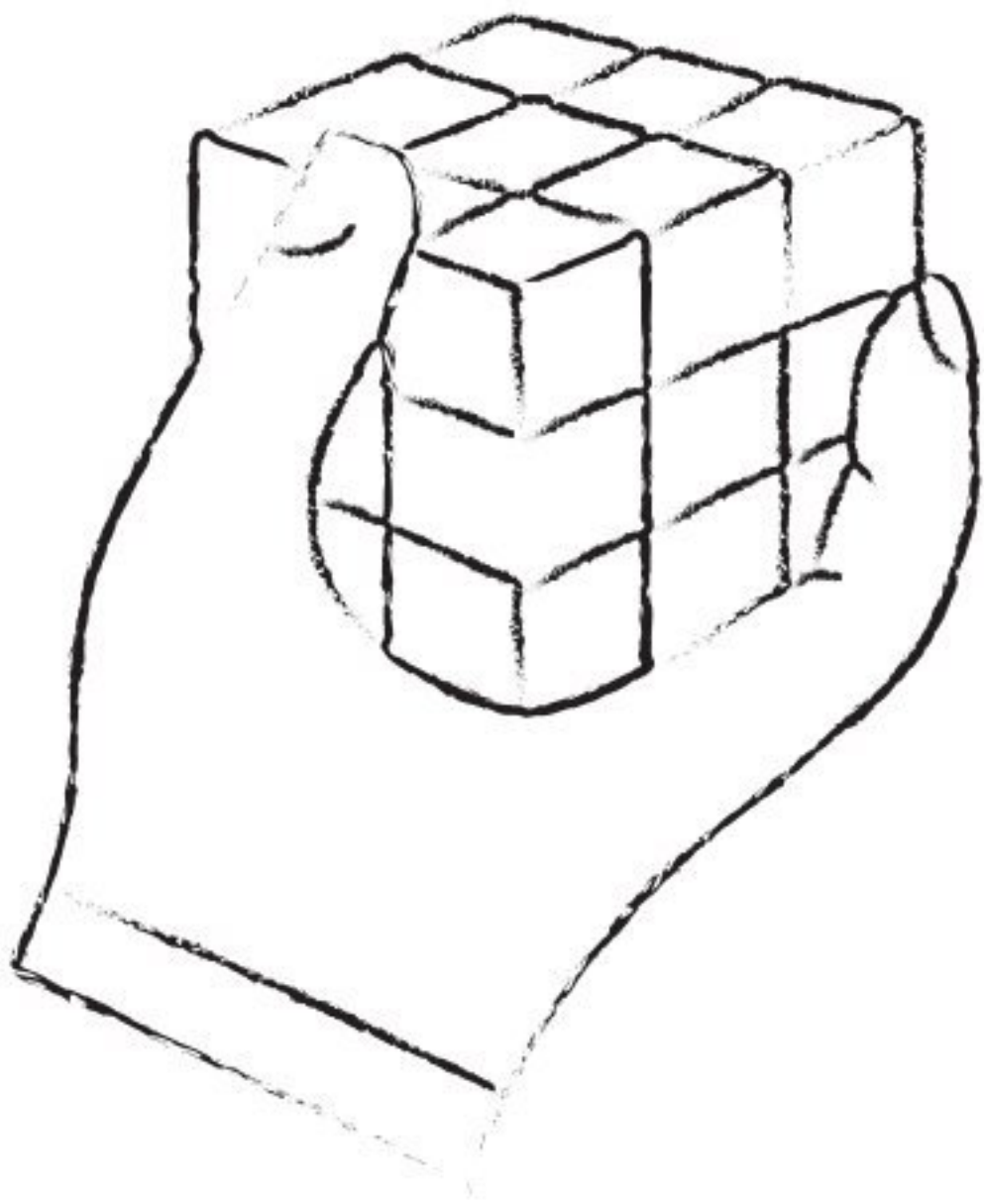






THE DIMENSION OF THE MIND

PRINCIPLES

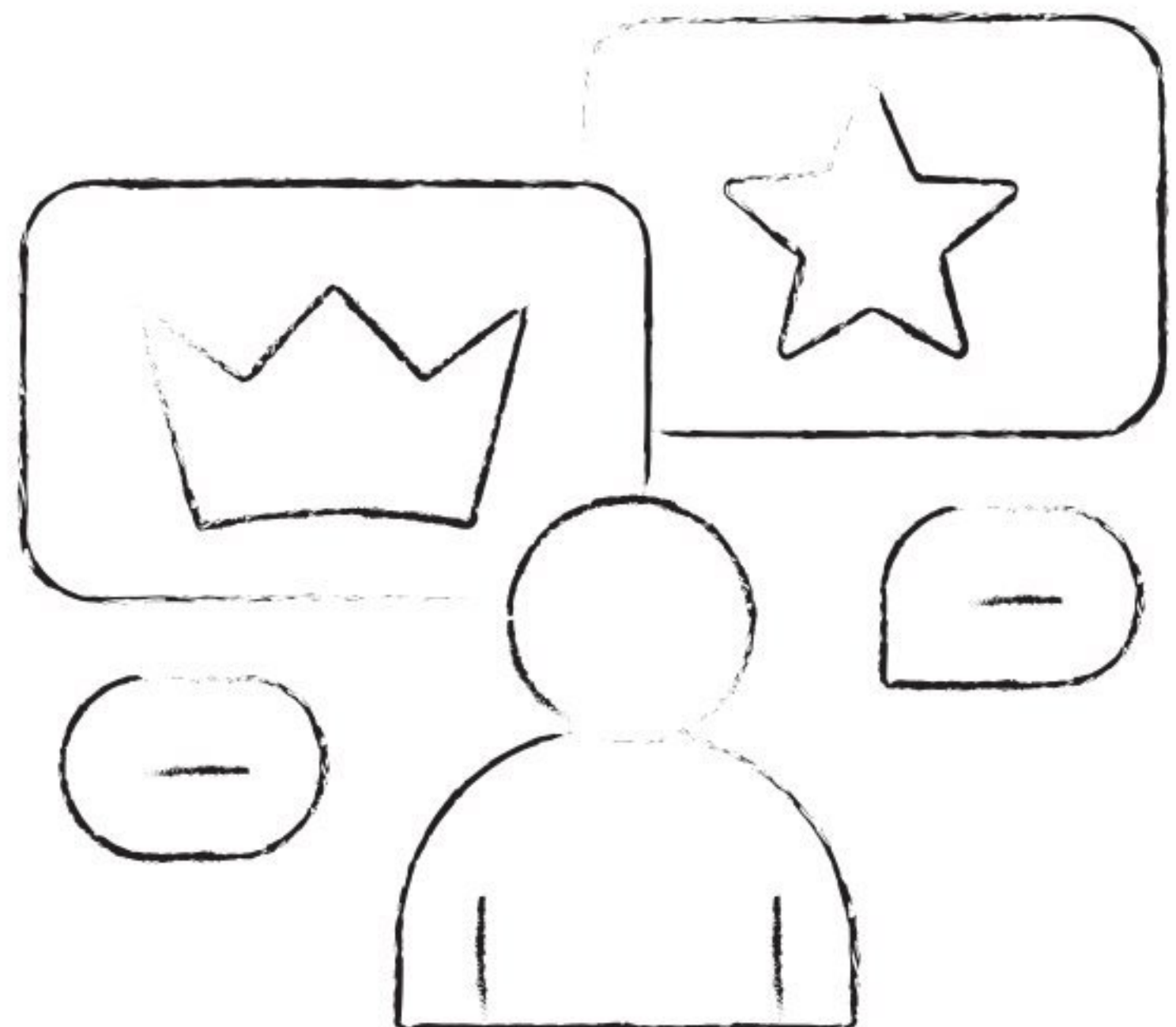


AUTONOMY & PROBLEM SOLVING

Foster independent thinking through choices and open-ended tasks that build confidence.

GAMIFICATION

Use digital games to transform learning into a playful, engaging experience that boosts motivation, encourages active participation.



RECOMMENDATIONS

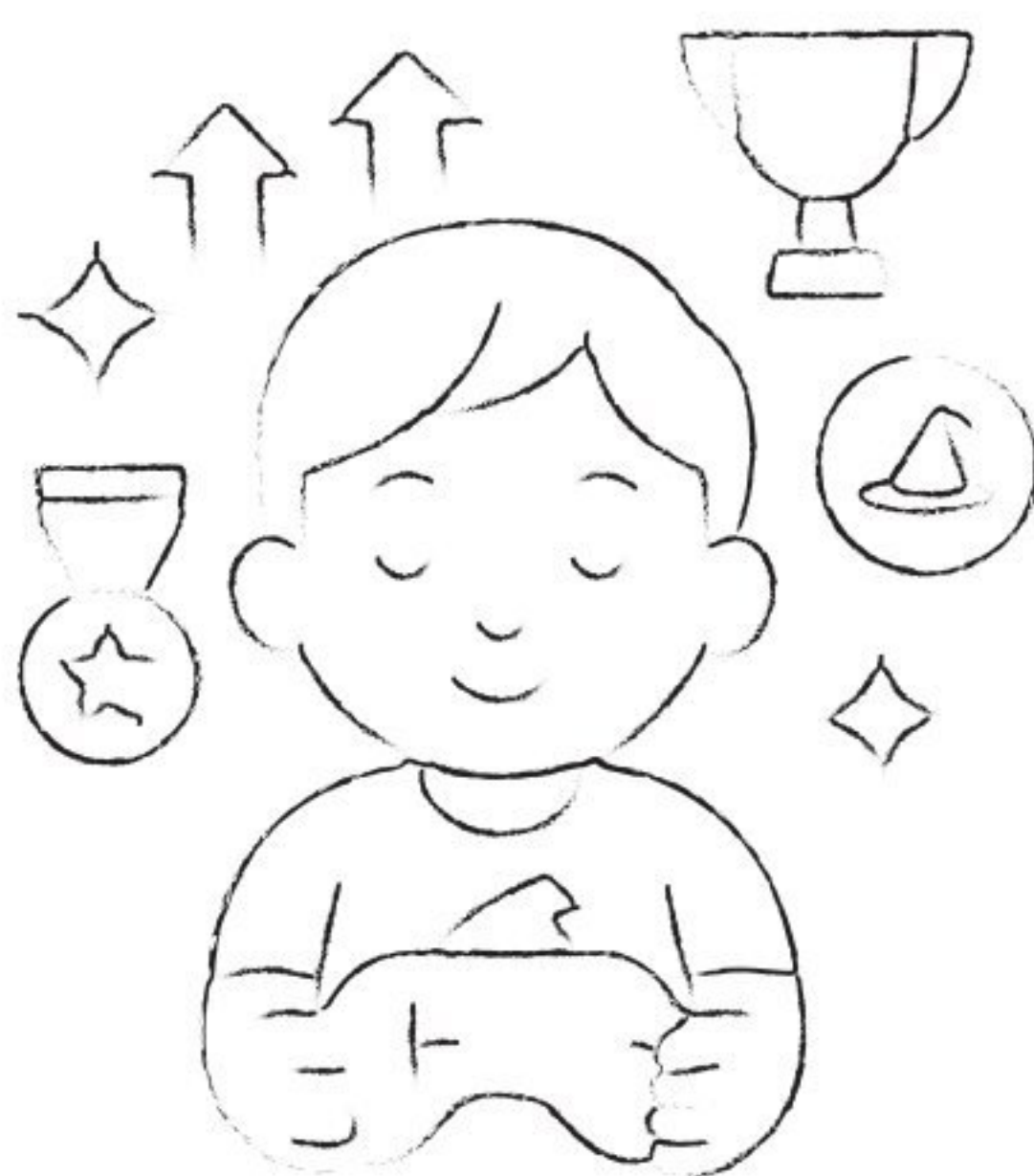


AUTONOMY & PROBLEM SOLVING

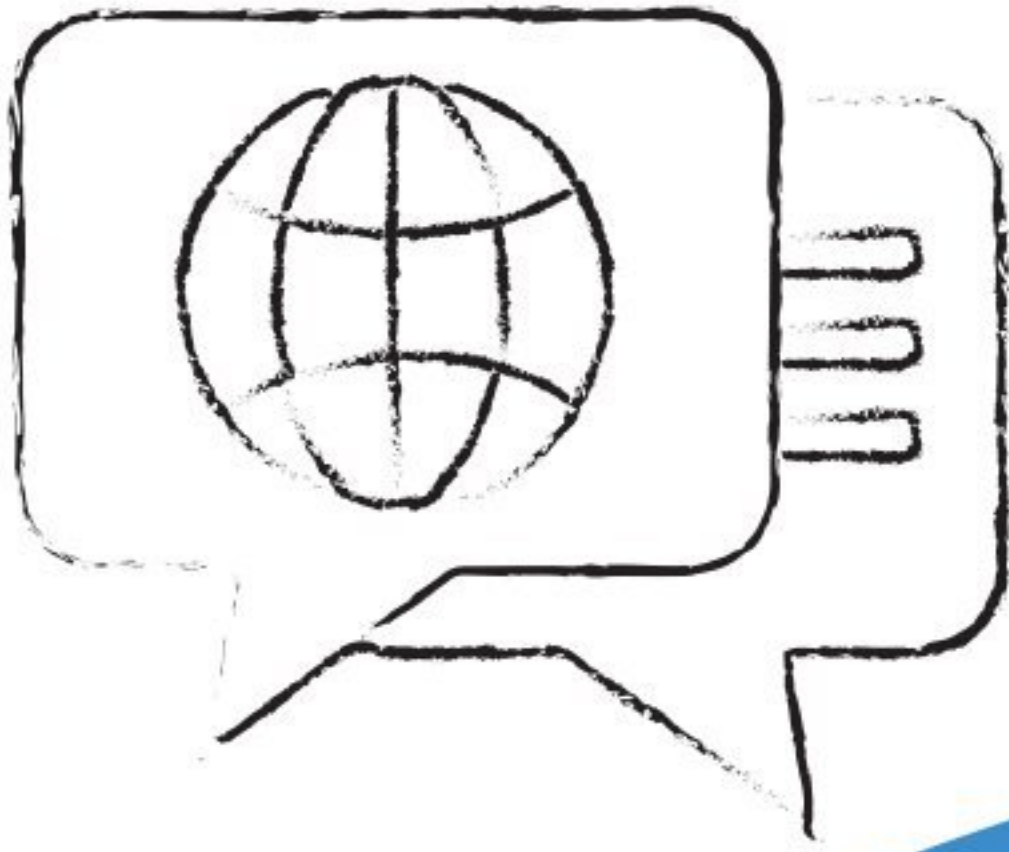
Use open ended questions and challenges that invite exploration. Encourage students to explain their reasoning and reflect on their choices.

GAMIFICATION

Use educational digital games to reinforce academic content. Structure activities as levels, missions, or challenges to complete. Reward effort with points, badges, or symbolic recognition.

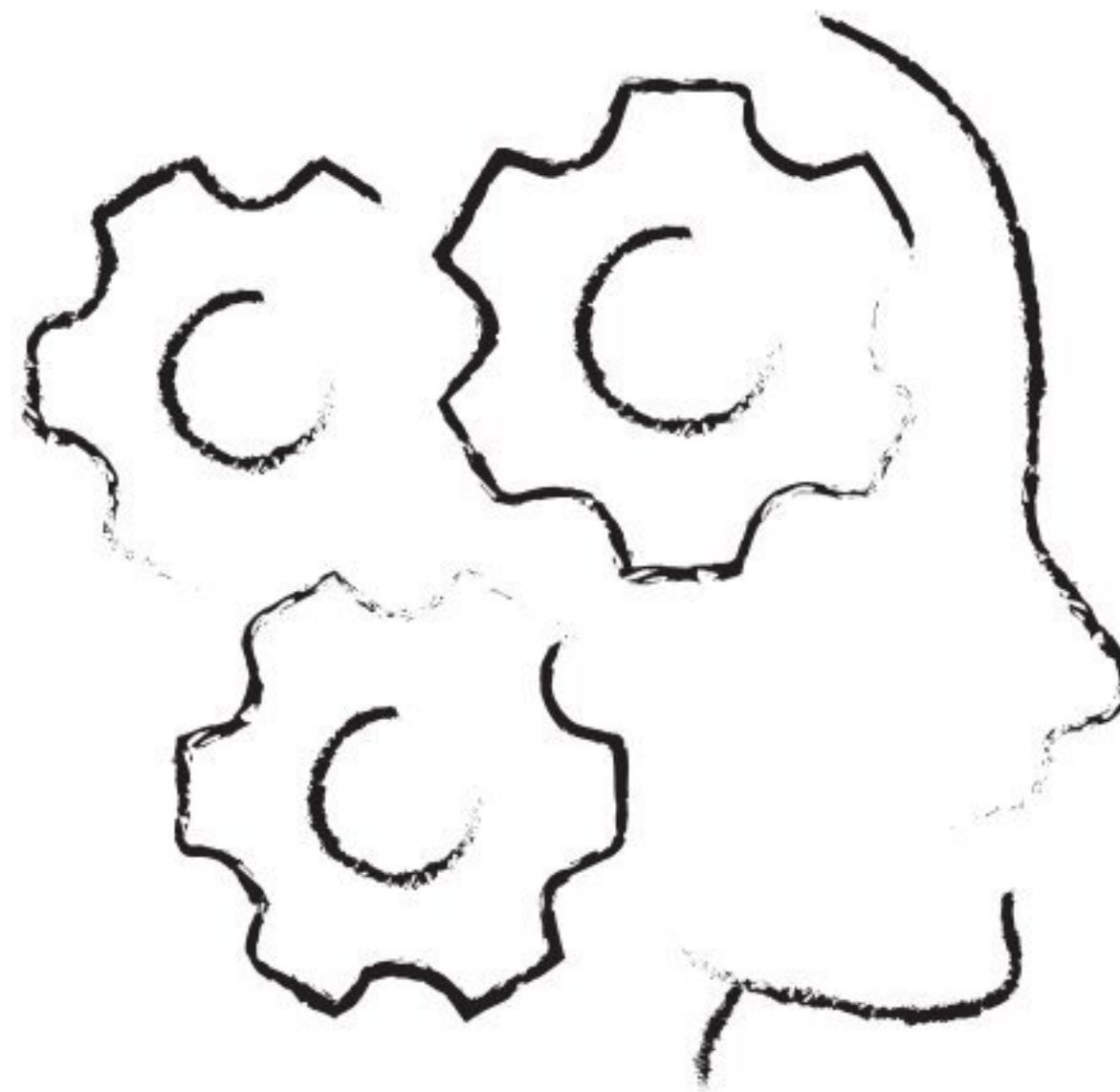


PRINCIPLES



CREATIVITY & LANGUAGE SUPPORT

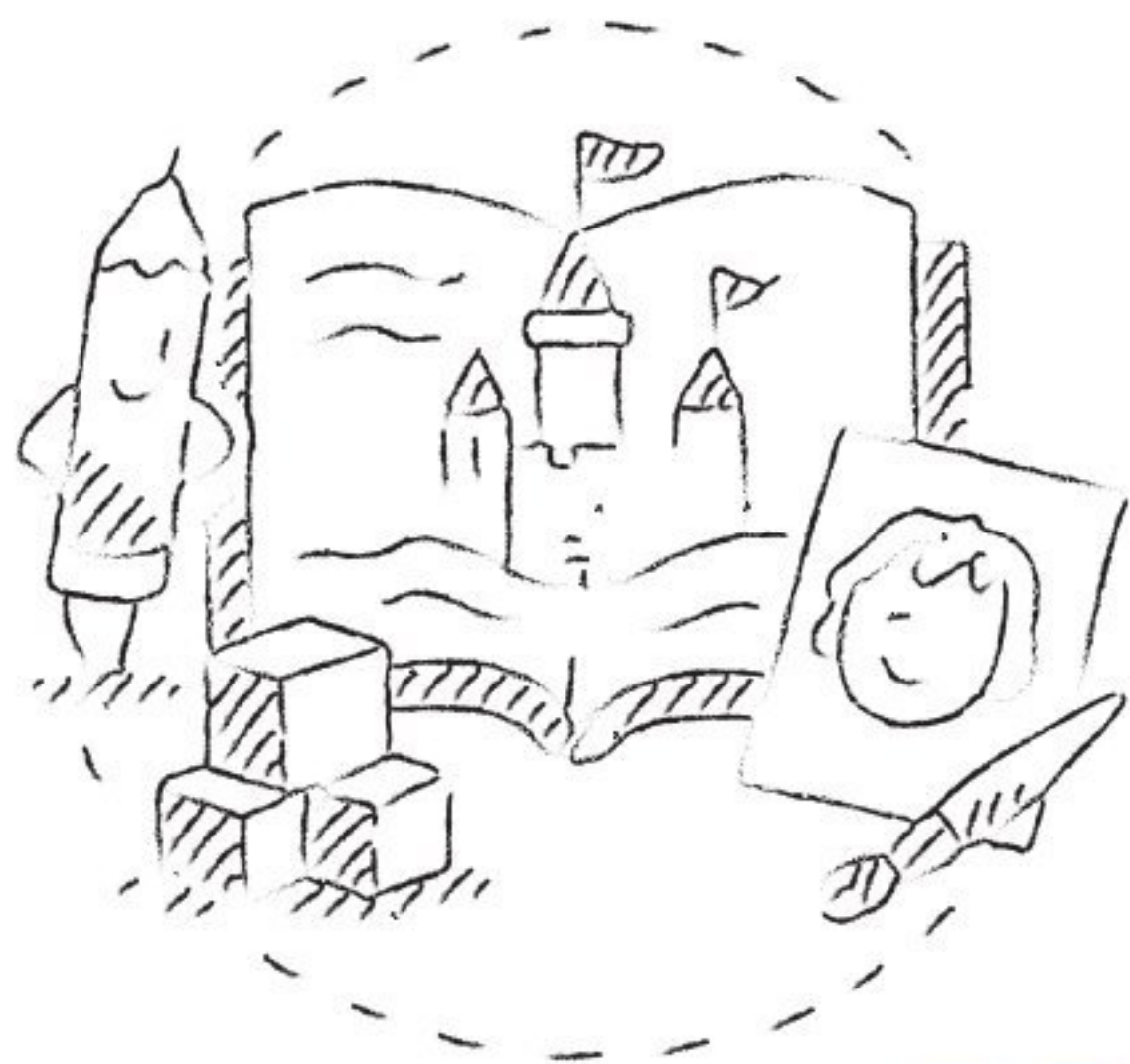
Support imagination and communication through creative storytelling



FOCUS & COGNITIVE RHYTHM

Adapt timing and methods to each child's pace to support attention and effective learning.

RECOMMENDATIONS



CREATIVITY & LANGUAGE SUPPORT

Use storytelling to develop language and narrative skills.

Include drawing and visual arts to express thoughts and feelings.

Incorporate building activities support hands-on learning.

FOCUS & COGNITIVE RHYTHM

Vary instructional methods to suit different learning styles.

Incorporate breaks or calming activities to reset focus.

Use visual or auditory cues to guide concentration.

Vary instructional methods to suit different learning styles.

Incorporate breaks or calming activities to reset focus.

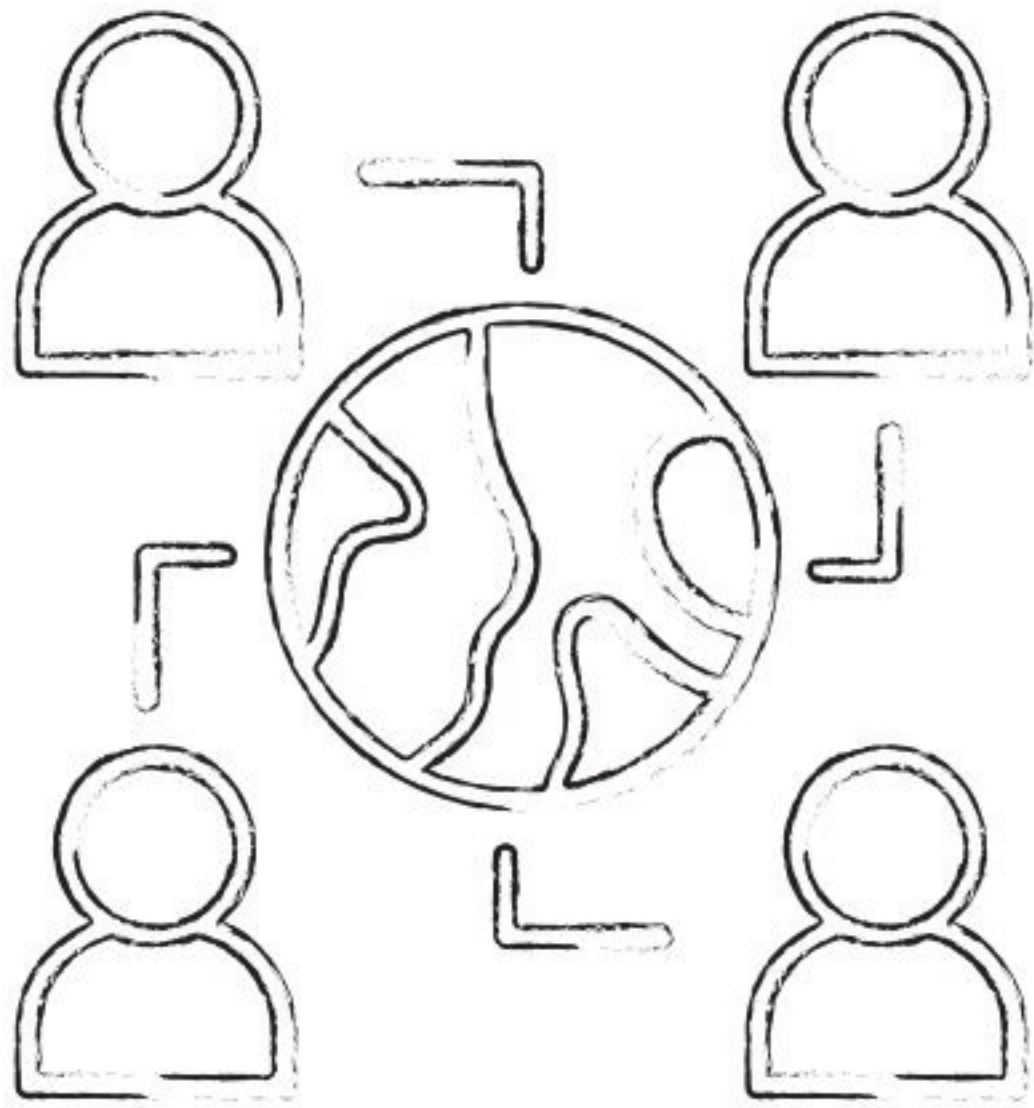
Use visual or auditory cues to guide concentration.





THE DIMENSION OF THE RELATIONSHIPS

PRINCIPLES

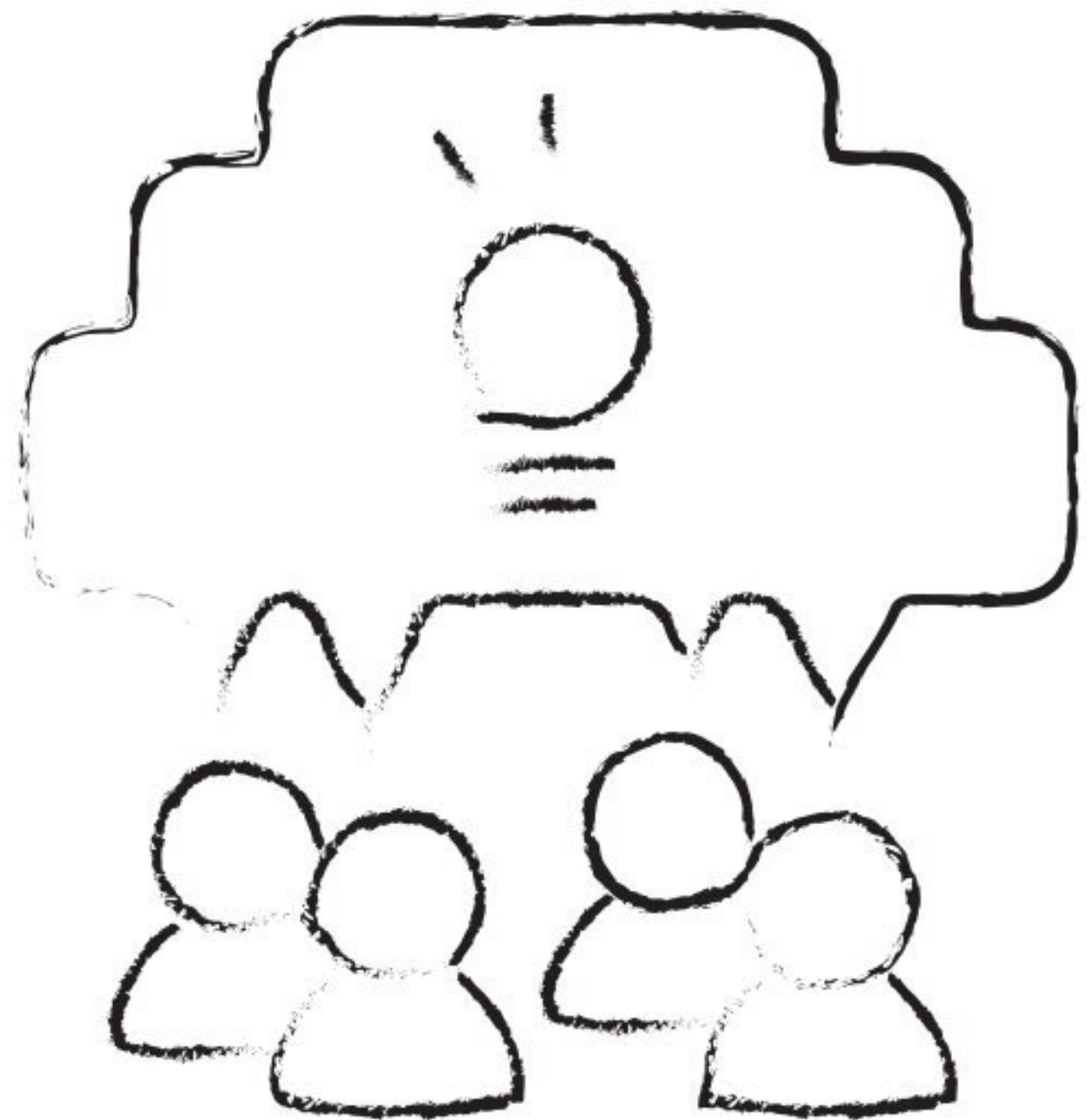


EMPATHY & INCLUSION

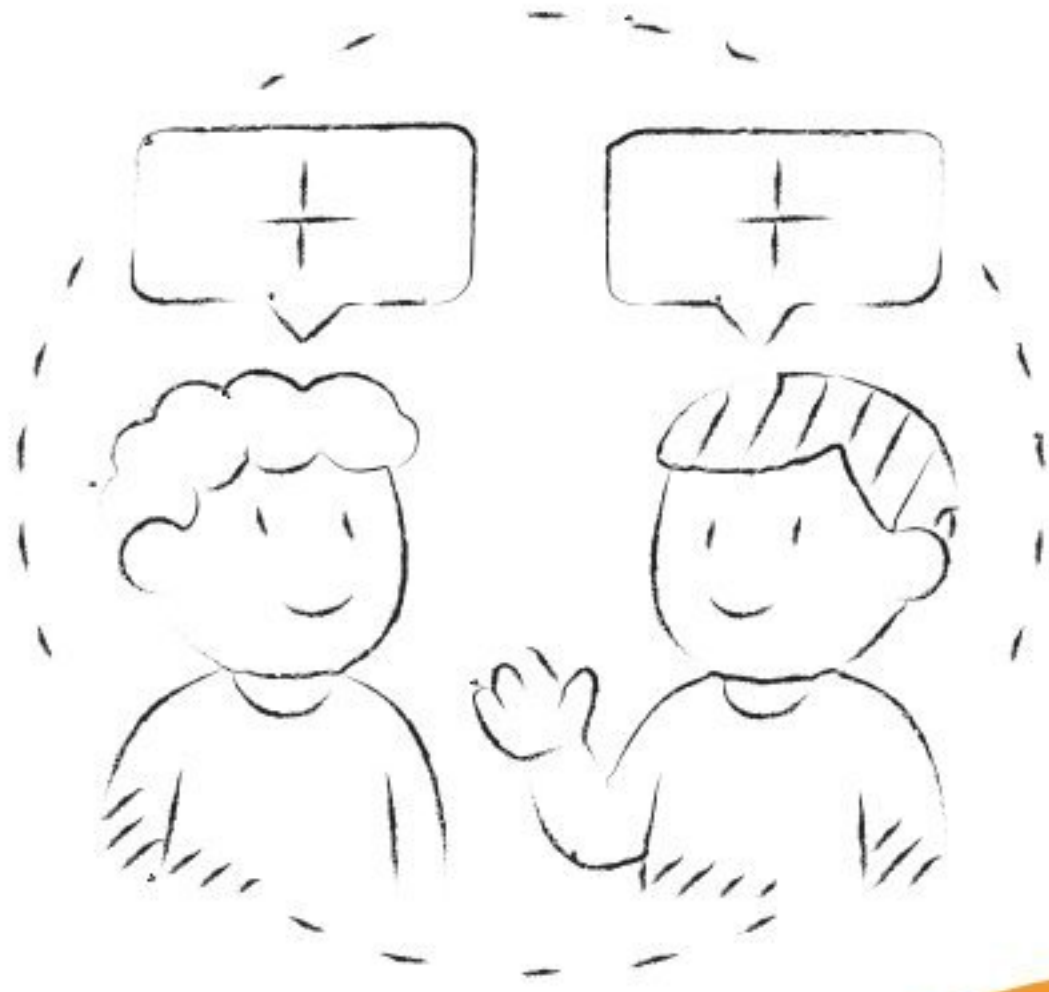
Create a respectful, welcoming classroom where every student feels seen, heard, and emotionally supported.

COLLABORATION

Promote teamwork and peer support to build social skills and shared learning..



RECOMMENDATIONS

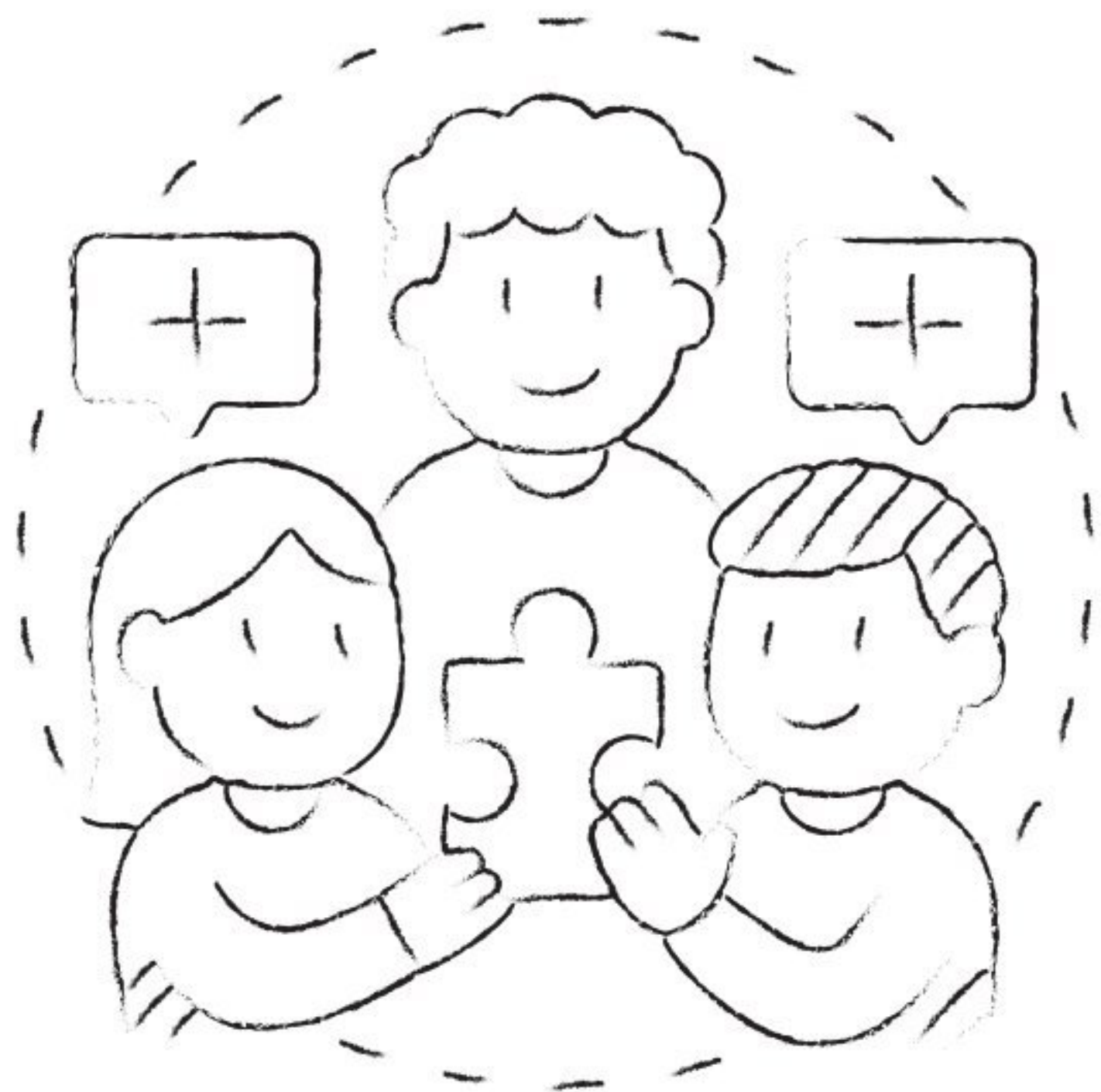


EMPATHY & INCLUSION

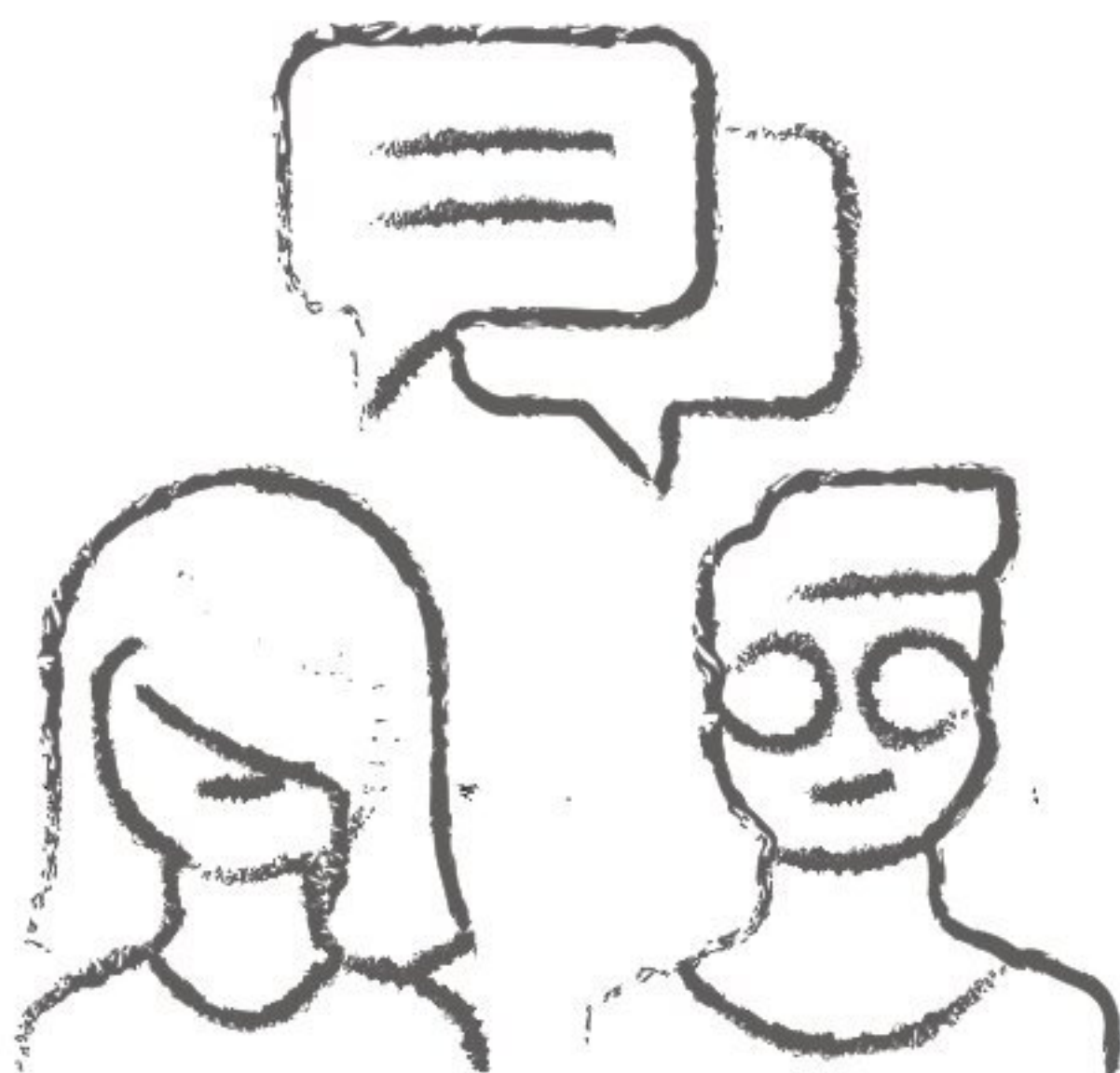
Encourage respectful dialogue and peer-to-peer listening. Validate diverse perspectives and experiences.

COLLABORATION

Promote teamwork and peer support to build social skills and shared learning. Organize group projects and cooperative tasks.



PRINCIPLES



DIALOGUE

Foster a safe space for honest dialogue to build trust, empathy, and connection

OBSERVATION & MEDIATION

Guide behavior and resolve conflicts to build a respectful, emotionally aware classroom.



RECOMMENDATIONS



DIALOGUE

Ask open-ended questions that invite personal responses. Validate emotions and model active listening. Use storytelling or journaling to explore feelings..

OBSERVATION & MEDIATION

Identify early signs of tension or misunderstanding. Facilitate calm, respectful dialogue during conflicts. Encourage students to express emotions and perspectives.

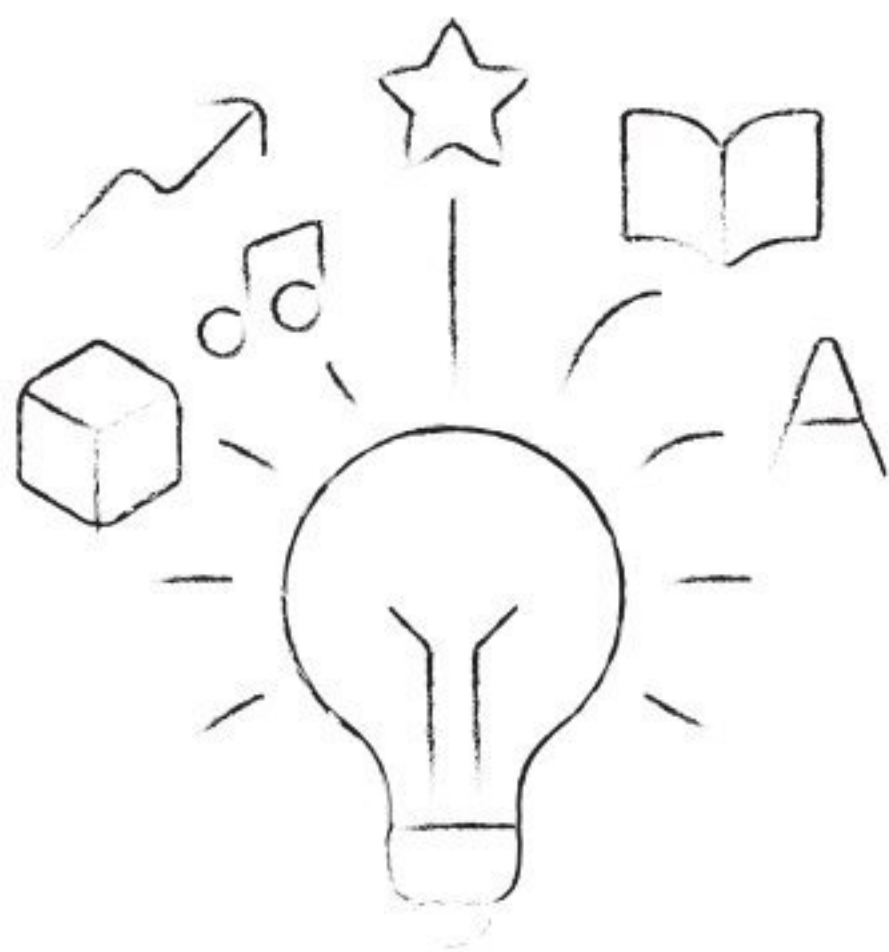






THE DIMENSION OF THE BODY

PRINCIPLES



STIMULATING ENVIRONMENT

Spark curiosity and engagement through rich and interactive learning spaces.

MOVEMENT & WELL-BEING

Boost focus and balance through active breaks and motor-based activities.



RECOMMENDATIONS

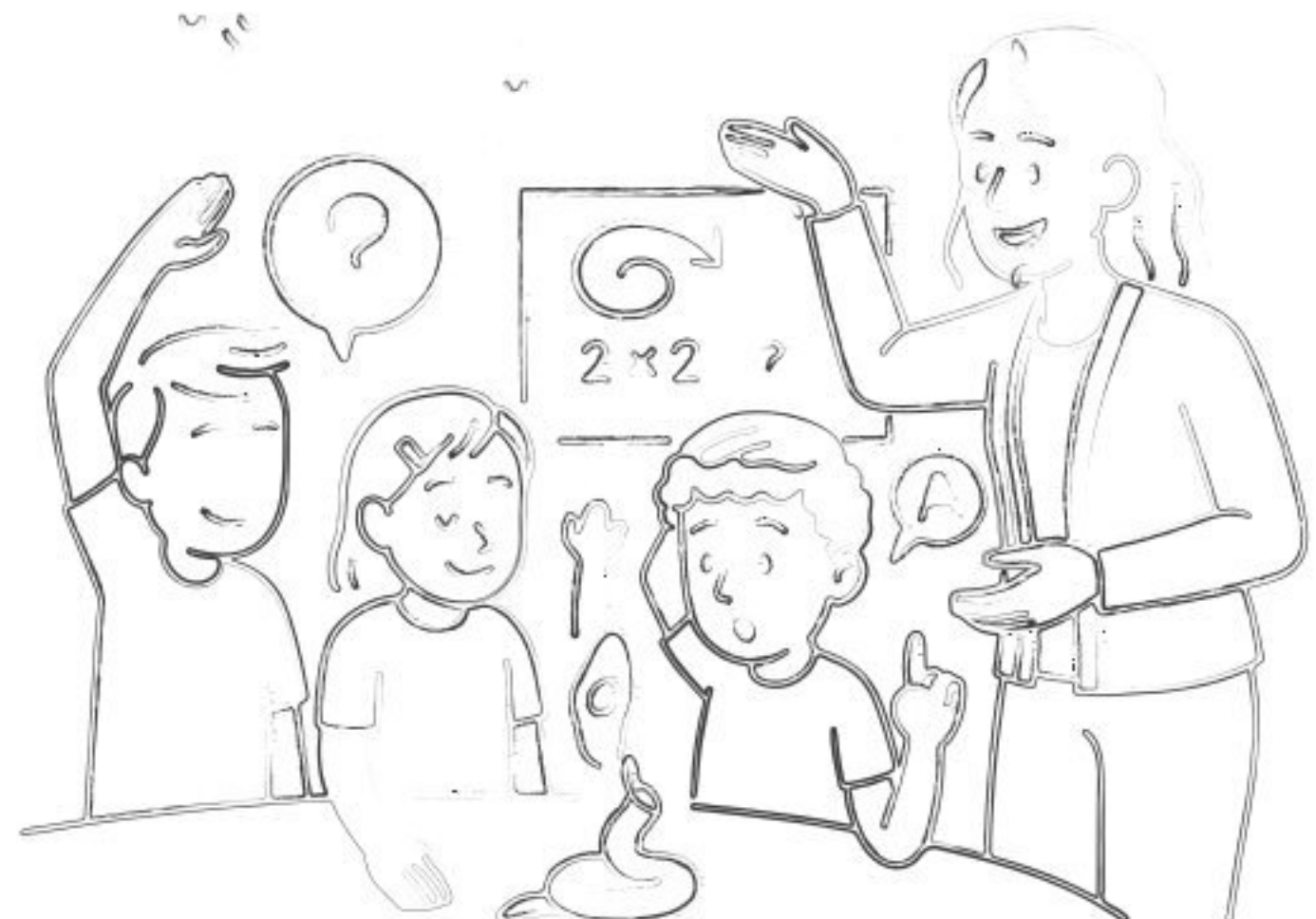


STIMULATING ENVIRONMENT

Provide diverse materials that invite hands-on exploration. Rotate resources to maintain novelty and interest.

MOVEMENT & WELL-BEING

Schedule short movement breaks between learning tasks. Include stretching, dancing, or yoga to re-energize students. Use motor activities to reinforce academic concepts.



PRINCIPLES

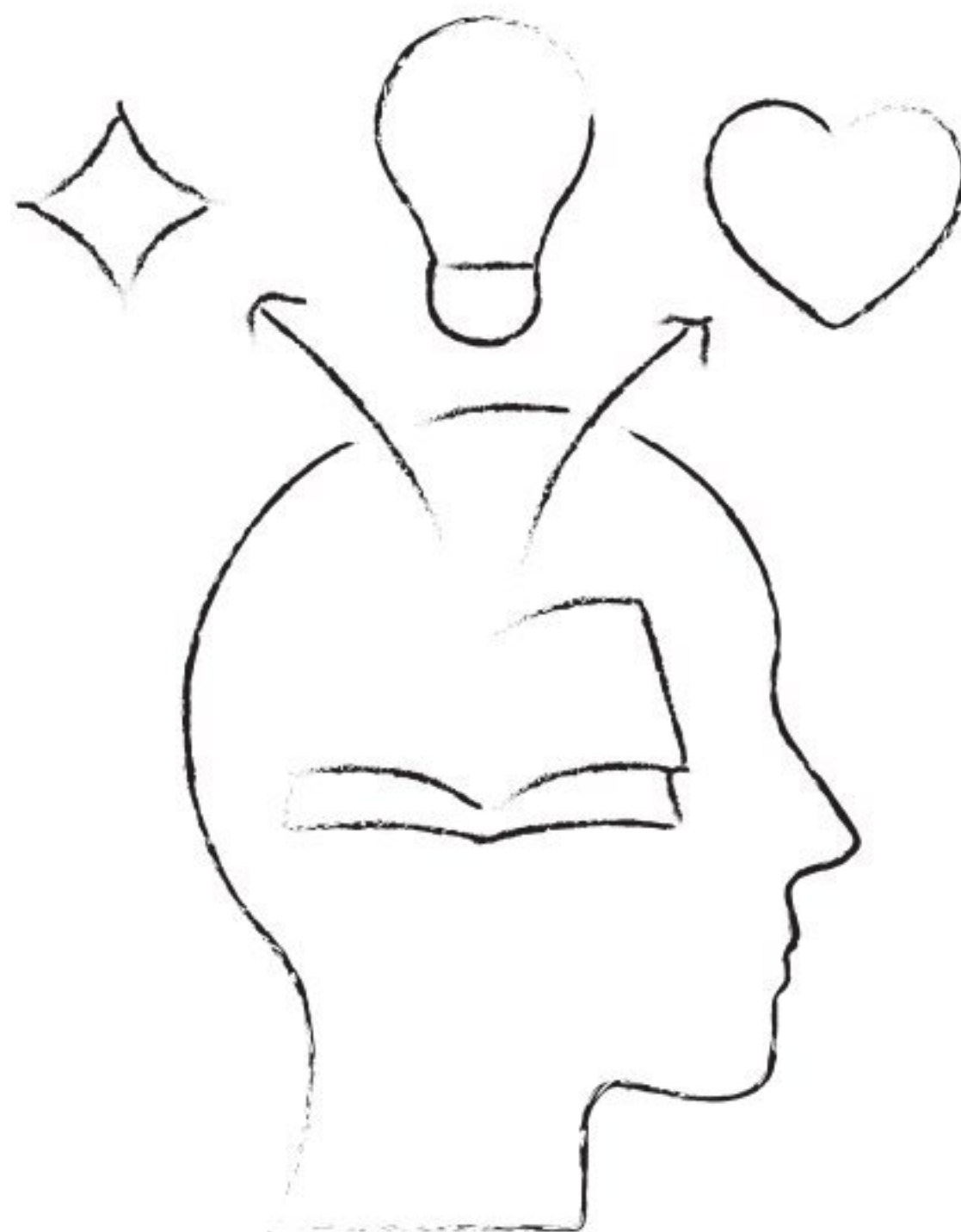


MULTISENSORY EXPERIENCE

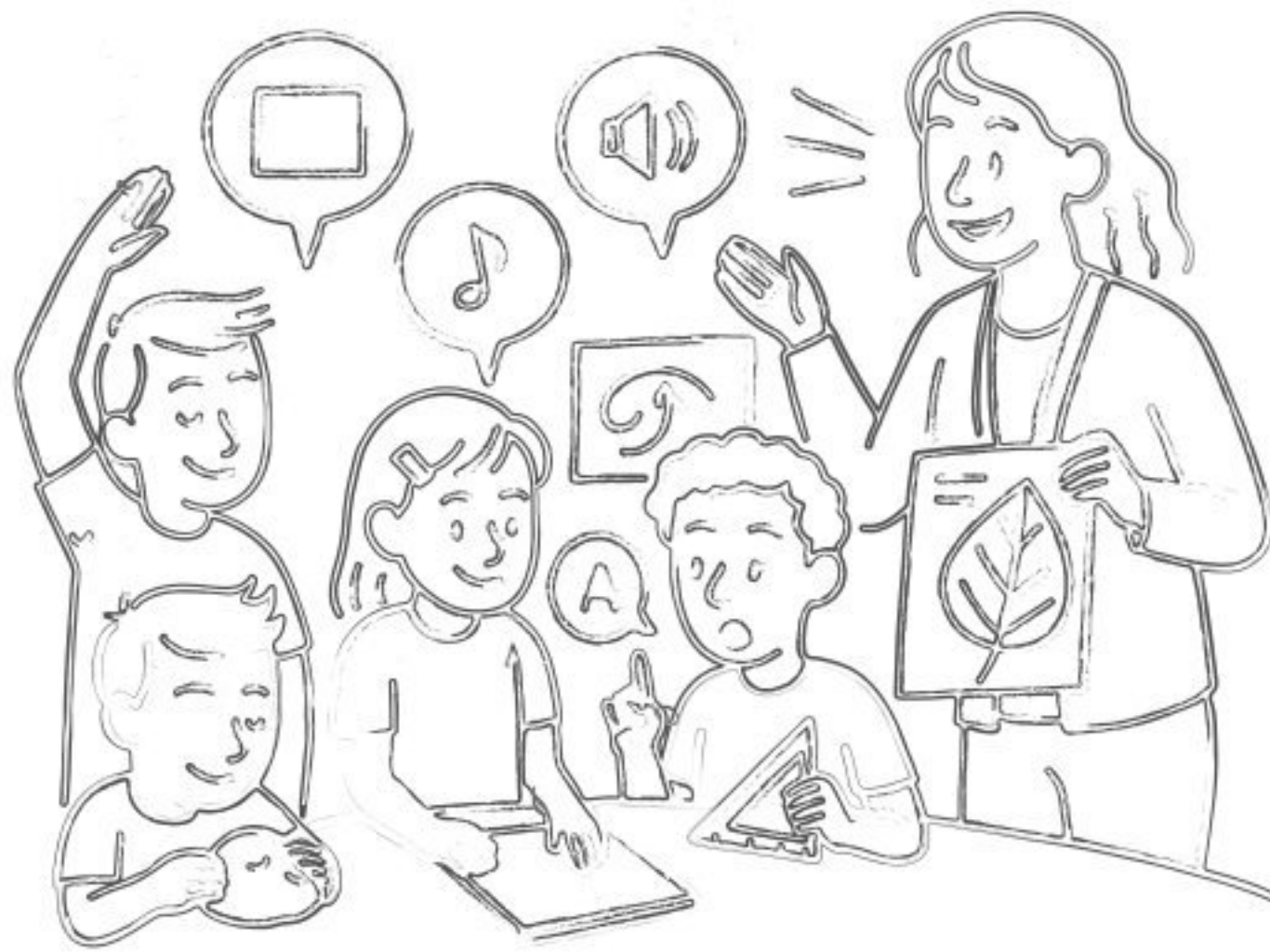
Deepen learning through tactile, visual, and auditory activities that engage diverse styles .

REAL-WORLD CONNECTION

Link learning to everyday life to spark curiosity, engagement, and motivation.



RECOMMENDATIONS



MULTISENSORY EXPERIENCE

Use textured materials and hands-on tools during lessons. Incorporate visual aids like images, diagrams. Include music, sounds, and verbal cues to reinforce concepts.

REAL-WORLD CONNECTION

Use examples from daily life to explain concepts. Connect lessons to current events or local issues. Invite guest speakers from the community.

