



Give your students a winning edge

THINKING JOURNEY PROGRAM FOR 2023





Accelium

A global leader in the development and assessment of thinking skills through games. Preparing learners for the challenges and professions of the 21st century.



Creativity



Decision making



Critical analysis



Mathematical thinking



Flexible thinking



Resilience



Planning



Problem solving



Scientific thinking



Learning aptitude



Teamwork



Strategic thinking

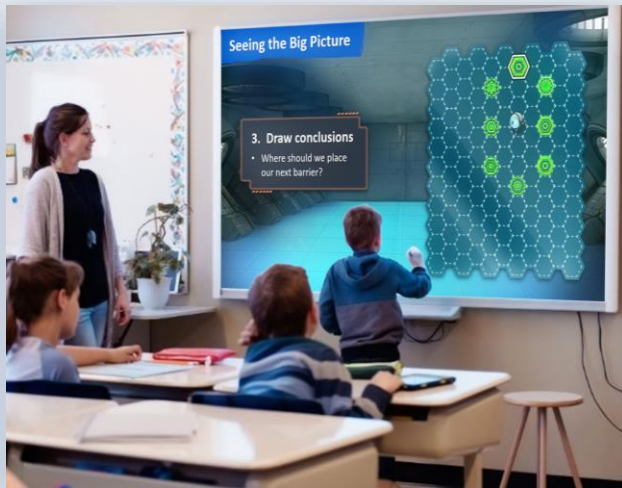


Join our fascinating learning journey

An online game-based learning process. With the immediacy and enjoyment of the game experience, learners will enhance their skills set: Decision making, planning, analysis, problem solving, creativity skills etc.

Play

Diverse strategy and puzzle games to develop a wide range of skills

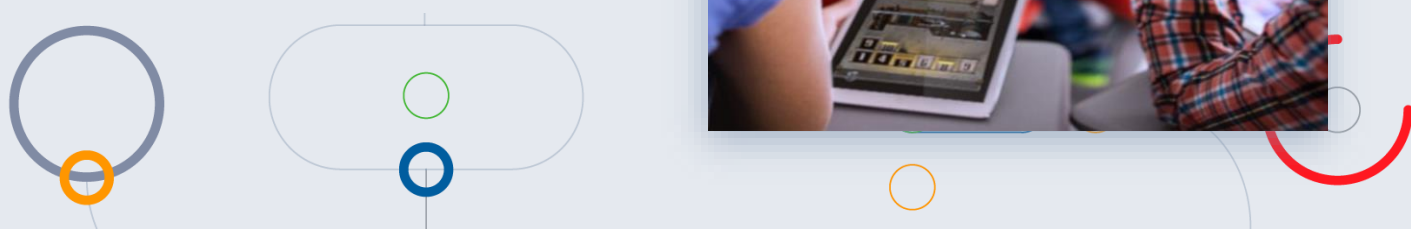


Learn

Meta-cognitive methods, strategies, and thinking concepts in bite-sized portions

Make it a habit

Implement concepts and smart game principles into your everyday life and thinking

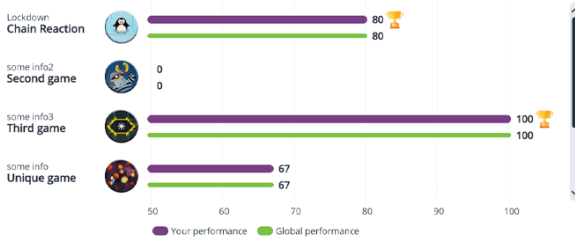


We provide a personal Thinking Profile for each student

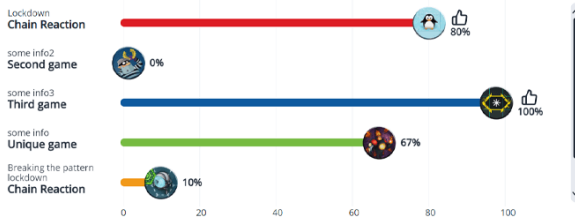
Accelium technology tracks and analyzes players' moves to build a deep personal User Profile for each student. Student profiles include a comprehensive, concise report outlining skills assessment and strengths, as well as insights, feedback, and recommendations

YOUR PERFORMANCE IN THE GAMES

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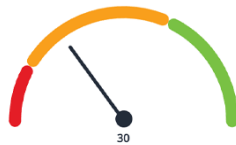
YOUR PROGRESS



YOUR INDEPENDENT LEARNER METER

Independent learners demonstrate personal responsibility for their learning and a high level of intellectual curiosity

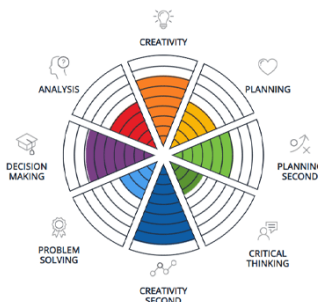
Not bad!
You seem to have high abilities, you take responsibility and show curiosity. You almost completely avoid using the help buttons in games.



YOUR STRENGTHS FINDER

The more you play, the more you will gain control of the skill set. Thinking skills are essential and affect every action you take in your daily life!

Thinking skills are worth investing in!



ARE YOU ON THE RIGHT TRACK?

Very good!

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YOUR STRENGTHS CARDS

Your strength cards have been specially selected for you! They are based on a variety of metrics we have collected from your games.



CRYSTAL BALL

You demonstrate high ability in **strategic thinking!** Have you thought about trying to be a professional chess player?

CRYSTAL BALL information text
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Donec eget lobortis erat. Donec ante sem, aliquet a libero ut, ultricies lobortis eros. Suspendisse elementum ornare neque, sagittis condimentum mi ultricies ac. Nam sem velit, luctus a consectetur non, euismod at arcu.



YOUR TOOL BOX

Your Toolbox displays the variety of strategies, methods, and Thinking Concepts you've gained!

Anchor

Check your options and constraints. Identify necessary moves. Base the rest of your analysis on them



Discover our Thinking Journey Programs

An annual learning program designed for elementary school students in grades 1-6. The Thinking Journeys program develops thinking skills through games, combining independent work on the Accelium platform with teachers' activities in the classroom.



Program structure

Content for 24 weeks of implementation with adaption of the content and the difficulty level to age groups



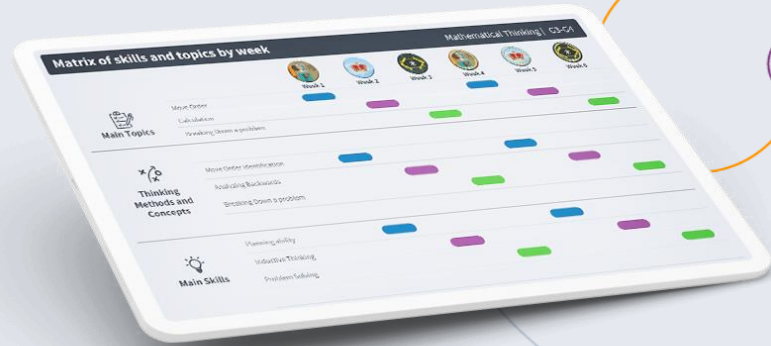
Benefits

Reducing gaps by providing students with a toolbox for improving academic achievement



Engaging, meaningful, relevant educational content

Teachers will be equipped with a comprehensive set of teaching aids including detailed learning maps and colorful multimedia presentations with short and engaging activities.



An annual curriculum by grades



Learning Units	Grade 1	Grade 2
Learning strategies	 <p>Main topics:</p> <ul style="list-style-type: none"> • Basic Planning skills • Basic deductions • A familiarity with resources 	 <p>Main topics:</p> <ul style="list-style-type: none"> • Carrying out a previously conceived plan • Increase exploratory attitudes • Perception of features and details
Mathematical Thinking	 <p>Main topics:</p> <ul style="list-style-type: none"> • Step-by-step dismantling of the problem and its solution • Solving problems by asking questions • Sort operations according to their order 	 <p>Main topics:</p> <ul style="list-style-type: none"> • Identify common denominators in groups • Determine the move order that needs to be followed to solve a problem
Scientific Thinking	 <p>Main topics:</p> <ul style="list-style-type: none"> • To learn by trial and error • Using questions to solve problems • Identify the solution patterns 	 <p>Main topics:</p> <ul style="list-style-type: none"> • Reference points and logical conclusion • Using data gathered through analysis • Using deductive and hypothetical reasoning
Flexible Thinking	 <p>Main topics:</p> <ul style="list-style-type: none"> • A commitment to the task • Adapting to surprises and changes • Identify different points of view when solving problems 	 <p>Main topics:</p> <ul style="list-style-type: none"> • Formulate hypotheses in unknown situations • Identify stable points in a changing and dynamic reality • Flexibility in planning, adapting to changing conditions


An annual curriculum by grades



learning Units	Grade 3	Grade 4
Learning strategies	 <p>Main topics:</p> <ul style="list-style-type: none"> Advanced techniques for planning Differentiated use of resources Identifying and blocking threats 	 <p>Main topics:</p> <ul style="list-style-type: none"> Critical and conscious thinking Execution of a plan with accuracy Actions and their consequences
Mathematical Thinking	 <p>Main topics:</p> <ul style="list-style-type: none"> Identify the order of operations "Start small" Step-by-step solution 	 <p>Main topics:</p> <ul style="list-style-type: none"> Classifying and organizing data A systematic approach to exploration Ordering moves
Scientific Thinking	 <p>Main topics:</p> <ul style="list-style-type: none"> Solving problems by eliminating Identification of Anchors Problem-solving based on the scientific method 	 <p>Main topics:</p> <ul style="list-style-type: none"> Long-term resource management Controlling impulsive attitude Formulate adequate questions to verify the hypothesis
Flexible Thinking	 <p>Main topics:</p> <ul style="list-style-type: none"> Understanding of the concept of resilience The ability to persist in the face of change and surprise Identify different points of view when solving problems 	 <p>Main topics:</p> <ul style="list-style-type: none"> Explore different possibilities of action Flexible attitude when solving problem Persistence in the face of a changing environment

An annual curriculum by grades



Learning Units	Grade 5	Grade 6
Learning strategies	 <p>Main topics:</p> <ul style="list-style-type: none"> Solving problems from end to beginning Dismantling tasks into small components Identify the resources needed to achieve a goal 	 <p>Main topics:</p> <ul style="list-style-type: none"> Execution of a plan with accuracy Time management Identify the Core of the problem
Mathematical Thinking	 <p>Main topics:</p> <ul style="list-style-type: none"> Defining the problem The use of thinking trees to solve problems Assuring a correct sequence of actions 	 <p>Main topics:</p> <ul style="list-style-type: none"> Advanced calculation technics Estimation Move Order and sequencing
Scientific Thinking	 <p>Main topics:</p> <ul style="list-style-type: none"> A familiarity with the scientific method of solving problems Using patterns for solving problems Identify the small details and their importance 	 <p>Main topics:</p> <ul style="list-style-type: none"> Testing hypotheses Predicting possible consequences Solving problems by formulating questions
Flexible Thinking	 <p>Main topics:</p> <ul style="list-style-type: none"> Resilience Adaptability and Dealing with change Change of perspective 	 <p>Main topics:</p> <ul style="list-style-type: none"> Adapt strategies and methods to new situations Looking beyond the immediate impact of a situation Change perspective- "stepping into the shoes..."

An on-going teachers training program and support

The Teachers will receive short, focused training. It is tailored to the school's fast pace and busy schedule. Training is primarily focused on getting to know the methodology, the games and activities that students will practice throughout the year.



Keep track of progress and results!

With Accelium's dashboard, you can view activity across the entire school, specific classes, or individual students. It provides insights into your students' progress, completion, and usage, as well as tips and guidance on how to practice skills more effectively.

Avigur School
Ramat Gan, Israel

School Dashboard

General Progress Metrics

Completion Status
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Grade	Teacher	Completion %
Grade 1	Maria Cristina M	112%
Grade 2	Cristina Moro L	100%
Grade 3	Eliane Suza	80%
Grade 4	Donna Mortego	75%
Grade 5	Harvey Schultz	60%

Classes registered: **16**
Users: **342**

Planning is the most practiced skill among students.
Planning skills belong to the executive function set of cognitive skills. Executive function skills are the skills we use to set goals and make decisions—they also support critical thinking and self-regulation.

Quarter	Percentage
1st Qtr	58%
2nd Qtr	23%
3rd Qtr	10%
4th Qtr	9%

School completion Status: **72%**

Overall Usage
There is a gradual improvement in the system's usability. Generally, the increase is in line with international usage patterns.

Skills Development

Average in skill practice
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Skill	Average %
Problem Solving	40%
Strategic Thinking	66%
Creative Thinking	66%
Decision Making	40%
Learning Aptitude	25%
Planning	100%
Resilience	0%

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Average in skill practice
olor sit amet, consectetur adipiscing elit. Duis semper nibh quis pellentesque ornare. Praesent porta neque eu purus pulvinar egestas. In neque. Maecenas rhoncus tincidunt nibh, eu mattis neque facilisis eu.

Skill	Logical Thinking	Problem Solving	Strategic Thinking	Creative Thinking	Decision Making	Learning Aptitude	Planning	Resilience
Class skill practice average	68%	12%	25%	22%	10%	12%	90%	.
International skill practice average	66%	50%	12%	45%	22%	20%	80%	.
Skill practice average in Israel	90%	68%	12%	25%	22%	10%	90%	.
Grade 4 (Donna Mortego)	70%	68%	12%	25%	22%	10%	78%	.
Grade 5 (Harvey Schultz)	80%	60%	14%	55%	62%	8%	100%	.

The implementation process is the key to success



School Management

- School license to the Accelium + platform
- Guidance and advice on implementing the program
- Ongoing support

Accelium Consultant

Responsible for coordinating the Accelium activities at the school



Students

- Opening the system with the relevant content
- On going support
- Monitors usability



School Teachers

- Teachers training
- Pedagogical & technical support
- Providing lesson plans, activities and learning maps





Thank You

For more information Visit us at:
www.accelium.com

