



BROWARD
Powered by **LAI**

Division of Academics

Broward Powered by AI

From Vision to System Readiness

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Family Forum

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What is Broward Powered by AI?

A district-wide approach for responsible, transparent, human-centered AI use.

Students

Teachers

Schools

Families

Community

Definition

- Broward Powered by AI is BCPS' centralized, public-facing initiative for explaining how artificial intelligence is used across teaching, learning, operations, and student support.

Guiding Principle

- The site frames every decision around human oversight: tools support educators, students, and families, but do not replace professional judgment or relationships.

Family-facing Purpose

- The Broward Powered by AI hub gives families, staff, students, and the community one place to find resources, updates, approved tools, FAQs, events, and feedback opportunities.

AI is creating a connected learning ecosystem that supports teaching, learning, communication, and decision-making across the entire school community.

By engaging students, schools, families, and community members, AI helps prepare students for future opportunities while strengthening collaboration, efficiency, and continuous improvement throughout the district.

What AI Is, and What It Is Not

- BCPS uses AI as a support, not a replacement for teaching curriculum.

AI is used to support

Teaching

Learning

Accessibility

Personalization

Efficiency

AI is not used to replace

Teachers

Educational decisions

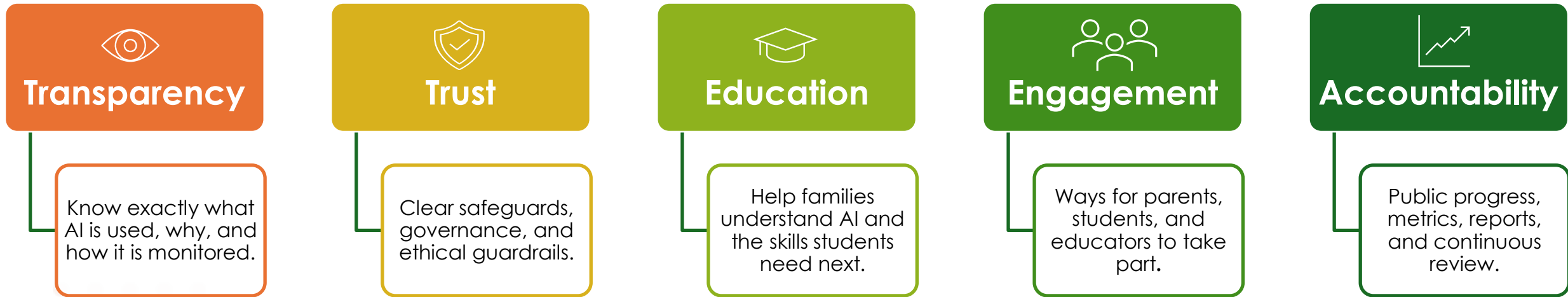
Independent grading

Human relationships

Curriculum

Five Commitments to Every Family

- Our commitment to every family is grounded in transparency, trust, education, engagement, and accountability.
- These five commitments guide how we communicate, support, and partner with families in the responsible use of AI.



Student AI Tool Availability in BCPS

Elementary schools



Not available

Khanmigo with Khan Academy



Not available

HMH Writable



Not available

MagicStudent is currently not open for BCPS students.



Middle schools



Available

Khanmigo with Khan Academy



Available

HMH Writable



Not available

MagicStudent is currently not open for BCPS students.



High schools



Available

Khanmigo with Khan Academy



Available

HMH Writable



Not available

MagicStudent is currently not open for BCPS students.

Part 1

Understanding AI Literacy

The basics of AI literacy

How we keep learning safe and age-appropriate

Artificial Intelligence (AI) Literacy in Elementary School

What families need to know about AI literacy in PreK-5

AI literacy is learning how AI works. It is not about using AI tools.



AI Is Already Around Us

AI may appear in tools families use

- voice assistants
- predictive text – word recommendation and completion
- translation tools
- movie or music recommendations
- online shopping suggestions



What Is AI and AI Literacy?

03

AI is technology that...

- recognizes patterns
- learns from examples
- helps people solve problems

AI is a tool, not a person.

People check results and make decisions.

AI can be useful and still be wrong.

What Is AI Literacy?

AI literacy is learning how AI works. AI literacy builds a foundation for critical thinking and understanding needed for future tool use.

Why Teach AI Literacy in Elementary School?

1

Think critically

2

Solve problems

3

Use technology safely

4

Communicate

5

Prepare for a digital world

Children learn to understand and question technology.

What AI Literacy Looks Like

1 Sort and compare

2 Look for patterns

3 Collect simple data

4 Discuss ideas

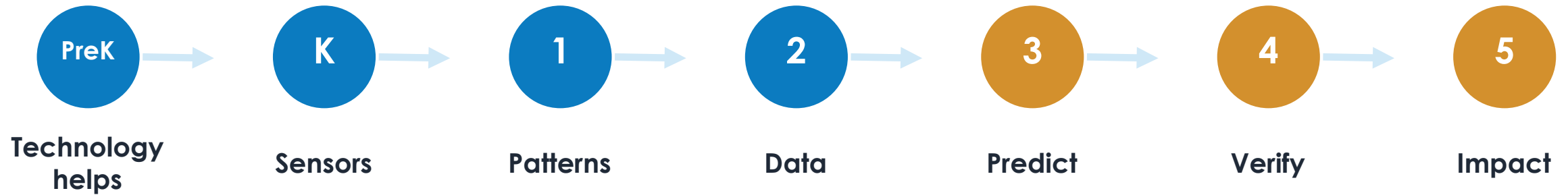
5 Check information

6 Create and explain

Lessons and activities in PreK-1 are “unplugged” and do not require devices.

Many lessons and activities in 2-5 do not require a device.

The PreK-5 Learning Journey through a focus on big ideas



Understanding grows step by step each year.

PreK: Technology Helps People

People-made tools

Example lesson

Students sort picture cards into things made by people and things found in nature, then talk about how tools help people.

A simple, teacher-guided learning experience



Kindergarten: Senses and Sensors

Senses + sensors

Example lesson

Students compare eyes and ears with a camera and microphone, then draw a robot and explain which sensors it needs.

A simple, teacher-guided learning experience



Grade 1: Finding Patterns

Patterns

Example lesson

Students sort classroom objects by color, shape, or size and discuss how a computer could sort similar items.

A simple, teacher-guided learning experience



Grade 2: Learning From Data

Data

Example lesson

Students collect class data about favorite fruits and use the results to predict which fruit is most popular.

A simple, teacher-guided learning experience



Grade 3: Making Predictions

Predictions

Example lesson

Students collect class data about favorite fruits and use the results to predict which fruit is most popular.

Adventure

Animals

Science

Predictions can help, but they may not be correct.

Grade 4: Check the Answer

Verification

Example lesson

Students review a computer-generated answer, identify possible mistakes, and explain how they would check it.

A simple, teacher-guided learning experience



Grade 5: People and Communities

Impact + responsibility

Example lesson

Students discuss how AI might help reduce waste or conserve energy while considering privacy, fairness, and accuracy.

A simple, teacher-guided learning experience



Safety and Digital Citizenship

Privacy

Keep personal information private.

Safety

Ask an adult before using unfamiliar tools.

Respect

Communicate respectfully.

Verification

Check information before sharing.

Balance

Make time for reading, creativity, and movement.

Key Takeaways



Understand and question technology



Hands-on, age-appropriate lessons



Learning grows from tools to impact



AI can make mistakes



Safety, privacy, fairness, and respect matter



Families can help with simple questions

AI is a tool. Human thinking, evidence, and responsibility remain most important.

How Families Can Help

Questions families can use later at home

1 How did the computer know that?

2 Could the computer be wrong?

3 What information did it use?

4 How can we check the answer?

Answers

The computer learns from information (data) that people shared. The source of the original data affects the resulting answer.

Yes, a computer could be wrong. If it is given the wrong information, the response will be incorrect.

Information comes from the data entered into the AI model.

Research information that comes from reliable sources. Verify that the sources provided are valid and that the response provided match the reliable data.

Families do not need to be technology experts.

Parent Resources – Available on the Broward Powered by AI Site (browardschools.ai)

Infographic of BCPS AI Literacy in Elementary - What families need to know in PreK-5

Artificial Intelligence (AI)
Literacy in Elementary School
What families need to know about AI literacy in PreK-5



What is AI Literacy?
AI recognizes patterns, learns from examples, and helps people solve problems. AI literacy is learning how AI works.

Why teach it?
Students learn to think critically, solve problems, and use technology safely.

Safety matters
Lessons include privacy, respectful communication, and checking information.

AI Literacy Journey: PreK-5
Students move from simple exploration to responsible use and community impact.

Grade	Big Idea	Example Lesson
PreK	Technology helps people.	Students sort picture cards into "made by people" and "found in nature" to learn that technology is something people create to solve problems.
K	Machines use sensors like we use our senses.	Students compare eyes and ears to a camera and microphone, then draw a robot and explain what its sensors help it do.
1	AI recognizes patterns.	Students sort classroom objects by color, shape, or size and discuss how a computer could organize items using similar patterns.
2	AI learns from data.	Students collect class data about favorite fruits and use the information to predict which fruit is most popular.
3	AI uses patterns to make predictions.	Students examine reading preferences and predict which book a classmate might enjoy based on similar interests.
4	AI can help, but it is not perfect.	Students review computer-generated answers and identify mistakes to learn why people should verify information.
5	AI impacts people and communities.	Students discuss how AI can help solve community challenges, such as reducing waste or conserving energy, while considering privacy and fairness.

Teacher-guided
AI lessons are hands-on, age appropriate, and led by educators.

Family support
Ask: How did the computer know that? Could it be wrong? What information was used?

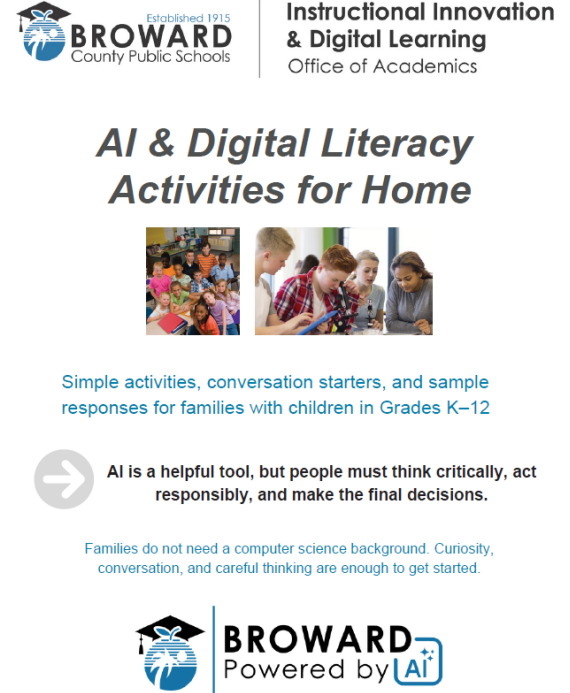
Goal: Curious learners | Critical thinkers | Responsible digital citizens | Future-ready problem solvers

Sources: Florida Department of Education Computer Science Standards and Instructional Support; Florida State Academic Standards: Computer Science (2024); Day of AI Foundations Curriculum; CPALMS Foundations of Computer Science.

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AI & Digital Literacy Activities for Home



AI & Digital Literacy Activities for Home

Simple activities, conversation starters, and sample responses for families with children in Grades K–12

➔ AI is a helpful tool, but people must think critically, act responsibly, and make the final decisions.

Families do not need a computer science background. Curiosity, conversation, and careful thinking are enough to get started.

BROWARD
Powered by AI

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BCPS leads in AI and computational thinking in K12:

In Partnership with Digital Promise:

- Collaborative Research: Districts Helping Districts: Scaling Inclusive CT Pathways (NSF 2219351)
- Collaborative Research: EAGER: Districts Helping Districts: Expanding & Amplifying Network Support for K-12 AI Integration (NSF 2620502)
- Collaborative Research: From Pathways to Progressions: Empowering Districts to Equip K-12 Computational Thinkers with Data Science and Machine Learning Foundations (NSF 2524354)



In Partnership with University of Florida, Computer Science Teachers Association, and Chicago Public Schools:

- Collaborative Research: Universal Design through Professional Development and Systems Change to Increase Access to K-8 Computer Science Education for Learners with Disabilities (NSF 2434587)

Part 2

Exploring MagicStudent

*What it is and how it supports learning
What families need to know*

AN OVERVIEW FOR STUDENTS & FAMILIES

MagicStudent

A teacher-guided AI learning space where students can get tutoring, practice with quizzes, and learn at their own pace.

• This feature is not currently available for students in BCPS.





What is MagicStudent?

MagicStudent is the student side of MagicSchool that provides students with access to artificial intelligence (AI) learning tools within a teacher-guided environment. Students interact with tools that are intentionally selected and shared by their teacher to support classroom learning goals.

50+ Student Tools

Over 50 student tools for learning, writing, studying and AI literacy

Teacher-Led

Teacher chooses which tools their class can use and when.

Built for the K-12 Classroom

Age-appropriate responses with safety checks



Inside a 90-Minute Block

How the time breaks down when students rotate through stations.

20-30 MIN

Whole Group

The block opens with whole group direct instruction led by the teacher.

15-20 MIN

Stations and Groups

Students work at stations while the teacher meets with small groups.

3+ ROTATIONS

Rotations

Every student moves through the stations where they focus on independent practice and personalized learning.

MagicStudent gives students an instructionally aligned option for learning that keeps them on task.



Why a Teacher Would Use MagicStudent

Teachers open MagicStudent inside a learning environment they create, sharing only the tools that fit the lesson. It is a learning partner, not a replacement for instruction. Students think, create, revise and reflect with support alongside them.

How Teachers Use It

- Builds a learning environment for the class
- Shares only the tools that fit the lesson
- Keeps activities tied to learning goals
- Adds support without replacing instruction

How It Supports Student Learning

- Supplemental tutoring and academic support
- Practice and review of concepts
- Writing and communication feedback
- Brainstorming and idea generation
- Research and topic exploration
- Building AI literacy skills



Tools are intentionally selected and shared to match classroom learning goals in a teacher-directed environment.



Learning That Adapts



No two students learn the same way. MagicStudent can be used to reteach a concept or provide enrichment based on understanding.

Check for the student's level of understanding.

Ask for a simpler explanation or push for more challenge.

Students can go at their own pace.

Students can revisit a topic as many times as they need.

Build real skills.

Learn to use AI thoughtfully and responsibly, not to do the work for them.

Live Demo Time!

This student room was created to help students learn more about the Bill of Rights and other amendments.

See what happens when a student uses this MagicStudent student room.



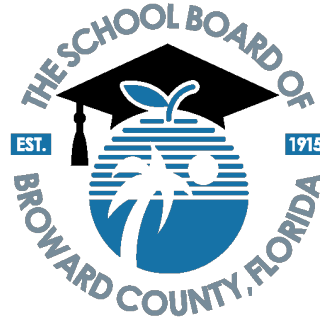
Thank You

Ways to share your thoughts, questions, & concerns:

- Fill out the Survey
- Attend at SAC/SAF → Feed to the areas
- Attend district advisory/committee meetings
- Speak at School Board meetings
- Email board members

Artificial Intelligence in Education Survey





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