

CORE K-12 PATHWAY | ELEMENTARY

AI Discoverers

Student Activity Workbook

Notice patterns. Protect people. Check information. Create for good.

Grades 3-5

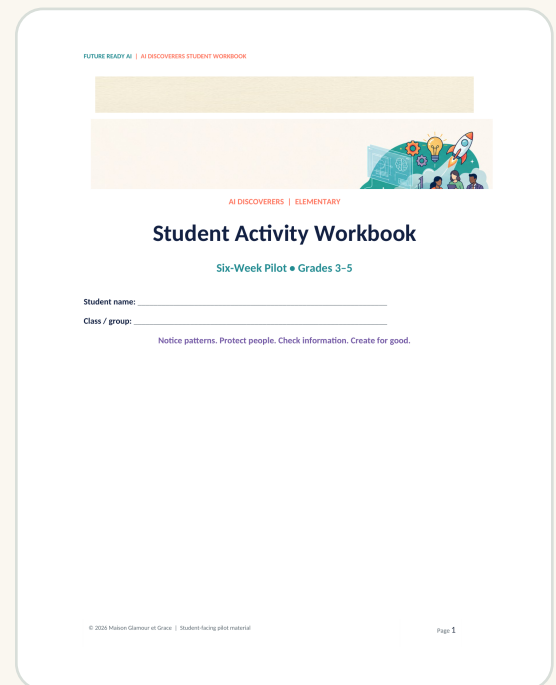
Six-week pathway

WHAT THIS PREVIEW SHOWS

- AI patterns and everyday systems
- Safe and fair technology choices
- Information checking and human judgment
- Create-for-good design and reflection

EVIDENCE OF LEARNING

Student-facing activities build toward a simple solution concept, pitch, and reflection.



SOURCE WORKBOOK

SELECTED STUDENT-FACING PAGES ONLY

Full curriculum, facilitator guidance, answer keys, assessments, and implementation masters remain protected and are shared only through approved implementation or pilot access.

Inside this public preview

AI Discoverers | Grades 3-5 | Six-week pathway

Selected source pages

- **Workbook page 2**
Welcome, AI Discoverer! - This workbook is where you will investigate how AI uses patterns, practice safe and fair choices, check
- **Workbook page 5**
WEEK 2 - Responsible AI Superpowers
- **Workbook page 9**
WEEK 4 - Truth Trackers
- **Workbook page 11**
WEEK 5 - Fairness Lab
- **Workbook page 16**
WEEK 6 - One-Minute Pitch & Reflection

WHY THIS IS A PREVIEW

This PDF is designed for public website review. It shows authentic student-facing curriculum evidence without publishing the complete instructional package. Teacher-only guidance, answer keys, unpublished assessments, implementation masters, and full program sequencing remain protected.



Welcome, AI Discoverer!

This workbook is where you will investigate how AI uses patterns, practice safe and fair choices, check information, and design a helpful idea. You do not need your own AI account. Your teacher may demonstrate an approved tool, or you may use printed examples.

Your five Responsible AI Superpowers

Superpower	What I say to myself
PROTECT	Keep private things private.
CHECK	Important answers need proof.
BE FAIR	Ask who might be left out.
TELL	Say when AI helped.
PEOPLE DECIDE	A person stays in charge.

Which superpower do you think will help you most? Why?

Before we begin

- ☐ I will use fictional or teacher-approved information.
- ☐ I will ask an adult when I am unsure.
- ☐ I will be honest about AI help.
- ☐ I will remember that people are responsible for decisions.

WEEK 2

Responsible AI Superpowers

BIG QUESTION

What habits help us use AI safely, honestly, and kindly?

Activity 2: Go, check, or stop?

Read each fictional situation. Choose GO, CHECK WITH AN ADULT, or STOP. Then name the superpower that helped you decide.

Fictional situation	My decision	My reason
A student asks an approved tool for three ideas for a fictional space story.	☐ GO ☐ CHECK ☐ STOP	Superpower: _____
A website asks for a child's full name and home address to make a cartoon.	☐ GO ☐ CHECK ☐ STOP	Superpower: _____
An AI answer says a berry is safe to eat, but no adult or trusted source has checked it.	☐ GO ☐ CHECK ☐ STOP	Superpower: _____
A student wants to upload a classmate's photo without asking.	☐ GO ☐ CHECK ☐ STOP	Superpower: _____
A student uses AI to brainstorm a poster, changes the design, and tells the teacher how it helped.	☐ GO ☐ CHECK ☐ STOP	Superpower: _____
A game recommends buying something. The student pauses and asks an adult.	☐ GO ☐ CHECK ☐ STOP	Superpower: _____

WEEK 4

Truth Trackers

BIG QUESTION

How can a confident-sounding answer still be wrong?

Activity 4: Claim check #1

Use a teacher-approved book, database, webpage, or fact card. The AI response is not your evidence.

The claim I am checking:

Truth Tracker step	My evidence
1. STOP — What exactly is the claim?	
2. FIND — What trusted source can I use?	
3. COMPARE — What agrees, disagrees, or is missing?	
4. DECIDE — ☐ supported ☐ not supported ☐ still unsure	

Rewrite the answer so it matches the evidence:

WEEK 5

Fairness Lab

BIG QUESTION

What happens when examples or recommendations work better for some people than others?

The club recommender case

A fictional school created a computer tool to recommend clubs. The tool learned mostly from last year’s three most popular clubs: basketball, art, and coding. This year it keeps showing those same choices—even when students enjoy music, gardening, dance, books, helping others, or science.

Who or what might be left out?

What examples or choices are missing?

Why might the tool’s suggestions feel unfair or unhelpful?

WEEK 6

One-Minute Pitch & Reflection

BIG QUESTION

Can I explain both what my idea does and how people stay responsible?

The problem is...

My idea helps by...

One risk is...

One safeguard is...

The person who stays in charge is...

A career skill I used was...

The most important thing people should remember about AI is...

PRINTABLE ACTIVITY CARDS