Edversity.

AI FOR KIDS PROGRAM

PROGRAM SYLLABUS

A one-month, in-person crash course for students in Grades 7–9: how AI works, how to use it well, and how to use it responsibly, learned hands-on every Saturday.

Responsible AI · Prompting · How AI Works · Creative Tools · Capstone

DURATION	DATES	FORMAT	FOR
1 MONTH	**12 DEC – 2 JAN**	**IN-PERSON**	**GRADES 7–9**
4 Saturdays	every Saturday	NSTP, NUST, Islamabad	no experience needed

PROGRAM POSITIONING

AI for Kids gives school students the basic AI literacy every child needs today: how AI works, how to talk to it, which tool to use for which job, and how to use it **responsibly**. Children are already using AI, often on their own. This course teaches them to use it well, safely and honestly, through four Saturdays of hands-on projects rather than lectures.

WHO IT'S FOR

Students in Grades 7–9. No coding or AI experience needed.

WHERE & WHEN

Rapidev Group of Companies, NSTP, NUST, Islamabad. Four Saturdays, 12 December to 2 January.

Honest expectation set with parents up front: this is a foundation course, not a coding bootcamp. In one month, children won't become AI engineers. They will leave understanding how AI works, using it confidently and responsibly, and with a finished project to show for it.

LEARNING OUTCOMES

By the end of the course, students will be able to:

01 Explain in simple terms how AI learns from data and how chatbots produce answers

02 Write clear, effective prompts using a simple formula, in English and Urdu

03 Use AI as a study partner to learn, practise and revise, without copying

04 Choose the right AI tool for a task: writing, images, video, voice or research

05 Check AI answers for mistakes and bias before trusting them

06 Protect their privacy and recognise deepfakes, scams and unsafe AI use

07 Create original work with AI and credit it honestly

08 Plan, build and present a capstone project to an audience

4-WEEK CURRICULUM

One Saturday a week in three hands-on parts. Responsible use of AI runs through every session.

WEEK 01 HOW AI WORKS

SAT 12 DEC

Goal: Take the mystery out of AI. Students see what AI is, how it learns, and why it sometimes gets things wrong.

PART	TOPIC	WHAT WE LEARN	HANDS-ON ACTIVITY
1	**What Is AI?**	AI vs. regular software; where AI already shows up in daily life; AI is a tool, not a person	“AI or not?” sorting game with everyday apps
2	**How AI Learns**	The brain analogy: learning from examples the way we do; data, patterns and predictions	Train your own image model in Google Teachable Machine
3	**How Chatbots Answer**	Predicting the next word; why chatbots sound confident even when they’re wrong; different models from different companies	“Be the AI” next-word game, then a first guided chat with an AI assistant

FAMILY MISSION · Show a parent the model you trained and explain how it learned.

WEEK 02 PROMPTING BEST PRACTICES

SAT 19 DEC

Goal: Learn to ask AI clearly, and use it to learn, not to cheat.

PART	TOPIC	WHAT WE LEARN	HANDS-ON ACTIVITY
1	**Prompting Basics**	A simple formula: role, task, context, format; strong vs. weak prompts	Prompt makeover: fix five weak prompts
2	**AI as a Study Buddy**	Explain-it-simply, quiz-me and hint-not-answer prompts; homework honesty and school rules	Study a topic from your own school syllabus with AI, then quiz a partner
3	**Building a Prompt Library**	Prompt examples for writing, ideas, planning and revision; improving a prompt step by step; prompting in Urdu	Build a personal library of 10 go-to prompts

FAMILY MISSION · Write three prompts with a parent for something your family needs this week.

WEEK 03 CREATE & CHECK WITH AI

SAT 26 DEC

Goal: Pick the right AI tool for each job, create something original, and check AI's work before trusting it.

PART	TOPIC	WHAT WE LEARN	HANDS-ON ACTIVITY
1	**Which Tool for Which Job**	Tool types: chat, images, video, voice and music, research; matching tools to tasks; age rules and accounts	Tool-match challenge: pick the best tool for 10 real tasks
2	**Creating with Images & Video**	Prompting for images; AI features for simple video editing; crediting AI and respecting others' work	Make a poster and a short video clip on a topic you care about
3	**Is It True?**	Why AI makes mistakes (hallucinations) and can be unfair (bias); checking with two trusted sources	Fact-check challenge: catch the AI's mistakes

FAMILY MISSION · Fact-check one AI answer together at the dinner table.

WEEK 04 RESPONSIBLE AI & CAPSTONE

SAT 2 JAN

Goal: Stay safe and smart with AI, then put the month together in a project to share with family.

PART	TOPIC	WHAT WE LEARN	HANDS-ON ACTIVITY
1	**Safe, Private & Real**	What never to share with AI; deepfakes and voice-cloning scams; AI is not a friend or a counsellor	"Real or fake?" game and a personal AI safety checklist
2	**Capstone Build**	Planning a project that solves a real problem with the month's skills	Teams build their capstone with mentor support
3	**Showcase & Graduation**	Presenting your work and explaining how you used AI responsibly	Family showcase and certificate ceremony

FAMILY MISSION · Agree on your family's AI rules together and pin them up at home.

ASSESSMENT & CERTIFICATE

Assessment is hands-on and low-pressure. There are no exams: students are assessed on what they make and how they use AI.

COMPONENT	WEIGHT
Hands-on activities, completed in class each Saturday	30%
Family missions, shared with the class the following Saturday	15%
Personal prompt library (Week 2)	15%
Capstone project (Week 4)	30%
Showcase presentation (Week 4)	10%

CERTIFICATE REQUIREMENTS

Attend at least 3 of the 4 Saturdays, complete the capstone project, and present it at the family showcase. The Edversity AI for Kids certificate is issued when these are met.

CAPSTONE IDEAS

- **A study helper** for a subject the student finds hard
- **An illustrated story book**, written and designed with AI and credited honestly
- **A school awareness campaign**, for example on spotting deepfakes
- **A family planner** for a trip, an event or a weekly routine

SAFETY & PARENT PARTNERSHIP

Responsible AI isn't only a topic in this course. It's how the course is run.

HOW WE KEEP STUDENTS SAFE

- **Age-appropriate accounts:** most AI chat tools require users to be 13 or older, with a parent's permission under 18. Students under 13 use AI through instructor-led demos or parent-managed accounts.
- **Privacy first:** students never enter personal details such as full names, school names, photos or locations into AI tools.
- **Supervised sessions:** every hands-on activity is guided by instructors and mentors.
- **Photos with consent:** we only photograph students whose parents agree.

HOW PARENTS ARE INVOLVED

- **Weekly family missions:** a short at-home activity after every Saturday, done together.
- **Account consent:** parents approve any AI account their child uses during the course.
- **Family showcase:** parents are invited to the final Saturday to see the capstone projects.

WHAT TO BRING

A charged laptop and charger every Saturday.

NO EXPERIENCE NEEDED

We start from the basics. Curiosity is the only requirement.

TOOLS WE USE

All tools are free or free-tier, and matched to each student's age and each tool's own age rules.

AREA	TOOLS
How AI Learns	Google Teachable Machine, Quick, Draw!
AI Assistants	ChatGPT, Gemini (instructor-led for students under 13)
Images & Design	Canva AI tools
Video & Audio	CapCut, Canva video
Research & Fact-Checking	Google Search and trusted reference sites
Spotting Fakes	Which Face Is Real, guided deepfake examples

WHAT EVERY STUDENT TAKES HOME

Every student leaves with real work to show, not just notes:

- An AI model they trained themselves
- A personal library of 10 go-to prompts
- A poster and a short video made with AI, credited honestly
- A personal AI safety checklist and a set of family AI rules
- A finished capstone project, presented to family
- An Edversity AI for Kids certificate

DESIGN RATIONALE

Internal note for the Edversity team.

Responsible AI as a thread, not a lecture: every Saturday includes a safety or honesty element, because that is what parents and principals care about most.

Hands-on in every part: each part pairs a short explanation with an activity. Twelve- to fifteen-year-olds learn by making, not by listening.

Tools taught by task, not by brand: models change every few months. A task-based way of choosing tools stays useful long after the course.

Age rules built in: Grades 7–9 spans roughly ages 12 to 15, so some students are under 13. Instructor-led demos and parent-managed accounts cover them.

Family missions: they keep parents involved between Saturdays and carry the Family AI Jam's "learn together" idea into the course.

Showcase on the last Saturday: parents see a real result, and it is the natural moment to talk about next steps.

Aligned with UNESCO's AI competency framework for students: the course covers its human-centred mindset, ethics, and techniques and applications dimensions, and touches AI system design through the trained model and the capstone.