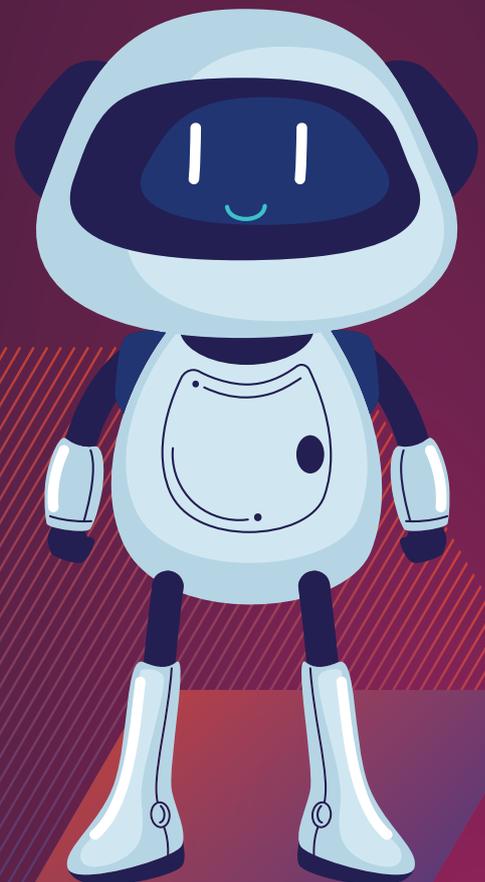


Cypher

A Personal AI Learning Companion for K-12 Students

Safe, Intelligent and Intuitive
AI agent for every child at your
school.



Every school now is rushing towards giving a chatbot to their children.



Say NO to Generic Chatbots for Education

They hallucinate, just answer questions, doesn't have complete context, not safe and are not trained to manage the curiosity of small children.

Cypher Makes Children Think

Cypher doesn't just give answers. It makes the children think and form their own answers.

Hey Cypher. Explain the concept of Photosynthesis.

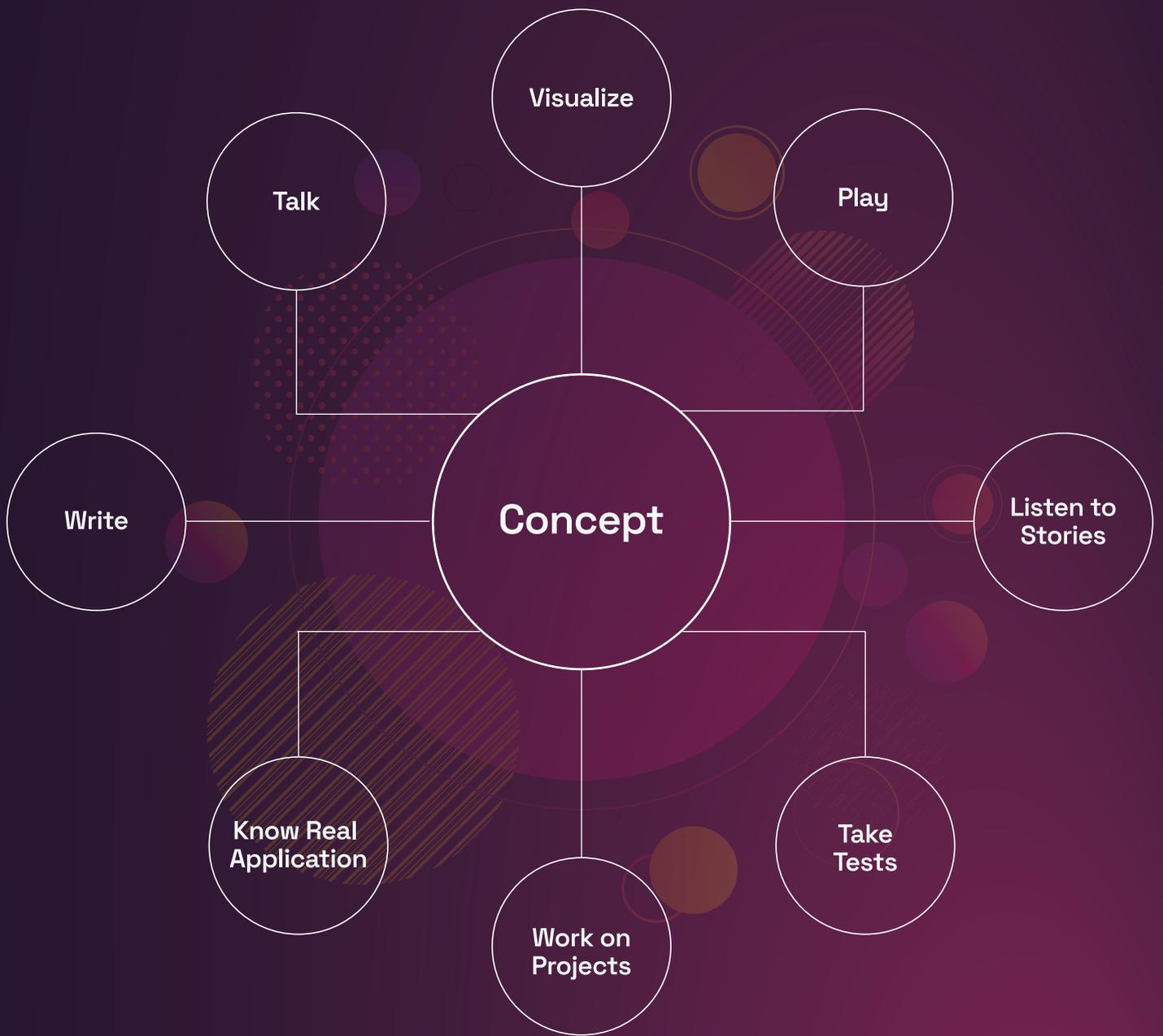
Sure Saanvi. Good concept. But before I explain, I would like to know what you already know about Photosynthesis.



Cypher is the New Powerful Companion for Children

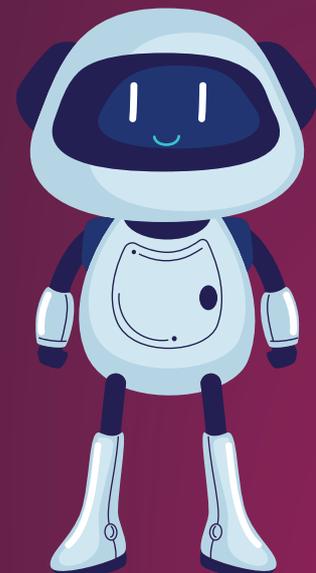


Built by Data & Scientists in collaboration with
child psychologists and educators.



Cypher Makes Children Experience Concepts

Cypher is equipped with multi-dimensional concept exploration methods.



Homework Assistance

Helps in understanding homework

Helps in completing the home work

Offers feedback on the completed homework

A friendly and playful companion

Understands the child's interests and acts accordingly



CONTINUES...

Amazing. Do you know anything about Chlorophyll?



Yeah. Using chlorophyll they convert Carbon Dioxide and Water into Oxygen and Glucose.



Interesting! Would you like to tell me more about it?



I recall from the session that it's all about plants making their food using various components like sunlight and water.



Sounds interesting. Let's start! First of all, tell me what all you have understood about Photosynthesis!



I have a homework in science. I need to revise "Photosynthesis", write answers to the questions, and also draw the concept.



Sure Aarav. Let me see what you have.



Hey Cypher. Please help me with the homework.



START

Doubt Clarification

Get answers to any questions in a more personalized way

Improved personalization over a period of time

Tuned to nurture curiosity

Ask any question and get answers in the prescribed syllabus

Makes the student think before giving the complete answer



CONTINUES...



-10?

What should (p) be to make this true? Think about balancing a scale.



$4+6+p = 0$
That is $10+p = 10$

Exactly! Just like a football scores when it crosses the line, here the polynomial equals zero at $x = 2$.

So, can you try plugging $x = 2$ into the polynomial x^2+3x+p and set that equal to zero? What equation do you get?



Zero?

No worries! Think of the polynomial as a machine: you put in a number (x), and it gives you an output.

A zero of the polynomial means when you put that x-value in, the output is zero.

So, if 2 is a zero, what happens when you plug in $x = 2$ into the polynomial? What should the output be? ●



I am not sure!

Hey! To start, what do you already know about zeroes of polynomials?



Hey Cypher. Please help me with this: Find the value of "p" from the polynomial $x^2 + 3x + p$, if one of the zeroes of the polynomial is 2.

START

Testing Knowledge

Ask for practice tests, answer and get feedback

Questions are aligned to the goals set by teacher or parent

Get recommendations based on the performance

Daily intelligent plans and reminders

Enjoyable experiences

Gamification



CONTINUES...

Awesome! Non-metals can either break (brittle) or melt/change state when heated, depending on the type.

Can you name one example each of a metal and a non-metal used in everyday life, like how a farmer uses different tools for planting and harvesting? 🌱🌾



Yes, perfect! Metals are shiny because they reflect light well.

Now, what happens to non-metals when you heat them, like how frozen water melts into liquid? 🔥❄️



They are shiny because when light falls on them, they reflect?



Exactly! Metals conduct electricity and are malleable (can be bent). Here's the next one: Why do metals usually appear shiny, like the polished tools on a farm?



Metals conduct electricity. Metals can be bent



Great! Here's a short answer question for you:

What are two physical properties that distinguish metals from non-metals?



Short answer questions Pls.



Sure Aarav. What kind of questions do you prefer? Like multiple choice, true/false, or short answers?



Hey Cypher! I am into 7th grade CBSE. Test my knowledge on science topic "The World of Metals and Non-Metals".



START

Brainstorming & Expression

Makes children present their thoughts and offers feedback

Practice speech, storytelling and new languages

Discuss new ideas and get feedback

Brainstorm for generating ideas

Practice problem solving

Show images and talk about them



CONTINUES...

I see it! Looks like a great plan. Can you explain the next steps?



I think I will need 2 magnets. I need to create 2 character images - One Police and One Thief. I also need a flat board which is smooth.

Oh! Wow! That's really interesting! I see where you are going. Let's start working on it. What do you think we need to build this project?



Yeah. I would like to create a fun activity. I would like to a "Police and Thief" game, where when the police moves, the thief tries to escape!

Sounds like a great plan! Can you think a little deeper and give me more clarity?



Well, I think I should build some fun activitiy using magnets!

That's a good choice. Can you imagine and tell me if you are getting any ideas on which you want to build the project? Let me know if you need my help!



I want to create a project on Magnetism



Hey! What science topic or idea are you thinking about for your project? ●



Hey Cypher. I would like to brainstorm about my science project.



START

Studying Concepts Deeper

Conduct deeper research on concepts

Experience concepts with interactive 3D visualization

Generate mindmaps

Save note clips for later reference

Get recommendations for further reading

View data tables, videos and code



CONTINUES...

Exactly! ☞ Chlorophyll uses the sunlight energy to help make food for the plant, mainly glucose, through a process called photosynthesis.

Like how a chef uses heat to cook ingredients into a meal, the plant uses light energy to turn carbon dioxide and water into glucose.



It stores energy of sunlight?

Yes! Chlorophyll is a chemical compound. Think of it like a tiny solar panel made mostly of carbon, hydrogen, oxygen, and magnesium.

What do you think the role of magnesium could be in capturing sunlight, similar to how metal helps conduct electricity?



Some chemical?

Good focus! ☞ What do you think chlorophyll might be made of, considering it helps plants capture sunlight—kind of like solar panels absorb energy? Have you heard of any elements or molecules related to it?



Yeah. Let's start with chlorophyll. What is it made of?

Awesome! To dive deeper, which part of photosynthesis interests you most—like the chemical process, the role of chlorophyll, or how plants adapt photosynthesis in different environments?



Hey Cypher. I would like to study the concept of photosynthesis in a deeper manner!

START

Project Based Learning

Learn concepts by doing guided projects

Intelligent orchestration by Cypher

Research, document, prototype, build and get feedback

Semi-automated. You will do your work and Cypher does it's

Get project recommendations based on your performance and interests

Analysis with superior insights

Learn tech skills during the process



Not a Generic Chatbot

Not a generic chat bot that just gives 'answers'

Cypher has been tuned to make children 'discover' knowledge and 'build' skills

Other chatbots use a single model

Cypher uses a mixture of models in a balanced orchestration

Cypher analyzes signals from all possible student actions

Uses powerful backend algorithms and models



Cypher for Schools

Give your children an intelligent companion that compliments your efforts

Know 'more' about the children from intelligent signals

Get a 360 degree overview of your entire class

Make informed decisions about future teaching actions

Give more confidence to parents with better student profile

Enforce responsible usage of AI with Cypher



Cypher for Parents

Get a better understanding of your child's performance and interests

Add your pointers to direct Cypher for more personalization

Help your child engage with useful activities

Prepare your child for the future endeavours

Get parenting recommendations



An Active & Intuitive Agent

It knows what the child should do next

It knows what to convey all the time

It thinks proactively, alerts the child and engages throughout the session

It always makes the child think and act

A teacher, friend, philosopher and guide

Can talk and listen. Creates lessons on demand and delivers lessons



Signals

Cypher Captures
Signals from the Data

Structured Data

Data from
Worksheets

Data from Exams

Data from Quizzes

Feedback from
Parents and Teachers

Unstructured Data

Conversations

Tasks

Projects

Tool Usage



Analysis

Cypher Analyzes Signals
and Creates Action Plans



360° View

Cypher Creates a 360°
View of the Student

Knowledge Signals

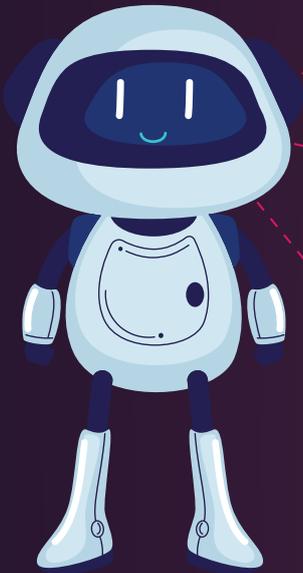
Learning Style Signals



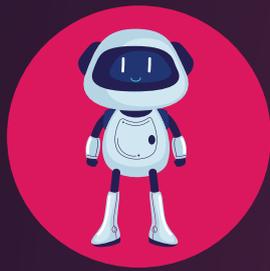
Behaviour Signals

Career Signals

Cypher Gives More Clarity About Children - To Children, Parents and Teachers



Signal Capturing, Processing Intervening Capabilities Comparison



Cypher



Student

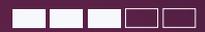
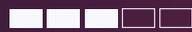


Parent



Teachers

Knowledge



Learning Style



Behaviour



Career



Pricing

Light

Rs. 2,999*

Per Student Per Year

Minimum of 1000 Students

Individual Chat Interactions

No Analytics

7 Day FREE Trial

Advanced

Rs. 10,999*

Per Student Per Year

Available for Schools & Parents.
No Minimum Requirement

Includes AI-Powered LMS
(Morpheus)

Fully Connected. Accounts for
Students, School and Parents

Hyper Personalization &
Analytics

7 Day FREE Trial



*AI credit limits apply. AI credits can be recharged anytime.

Customers & Partners



Education Knot is an organization where its members are committed to providing trustworthy products and services to schools.



The AI-Ready School App is truly a game-changer for teachers. It offers a range of commendable features that simplify routine tasks beyond teaching. With this app, we can effortlessly generate high-quality worksheets, assignments, lesson plans, and informative manuals, making our workload much more manageable.

As teachers, one of our biggest challenges is providing students with a diverse set of assignment questions. The AI-Ready School App makes this process seamless. Additionally, it enables us to create engaging content, including images, videos, and presentations, which help explain complex topics in a more interactive and understandable way.

This app is nothing short of a blessing for educators. It transforms time-consuming, repetitive tasks into quick and efficient processes, allowing us to focus more on what truly matters—teaching and inspiring our students.

Mansi Sharma
TGT English Teacher

NH Goel World School
Raipur, Chhattisgarh



FREE Trial



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