Aasaan(Simple)
Skill learning Platform

Brief Documentation of Student Learning Platform

Version – 0.2 (Draft)

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1. Introduction

Problem Statement –

In India, there are almost 36 Crores students currently going to school from different State and centre boards, and most of these schools follows conventional pattern of teaching which lacks adequate professional skills need in 21st Century.

The questions arise here is, as to what extent student are actually getting practical knowledge and skills that are crucial for their future education and professional development.

Proposed Solution –

In 2020 a new education policy is passed where the way of learning shifted from traditional learning to skill-based learning. And while taking a reference from it we aspire to create a platform where our skilled and professional teachers designing a curriculum for each grade and different age group.
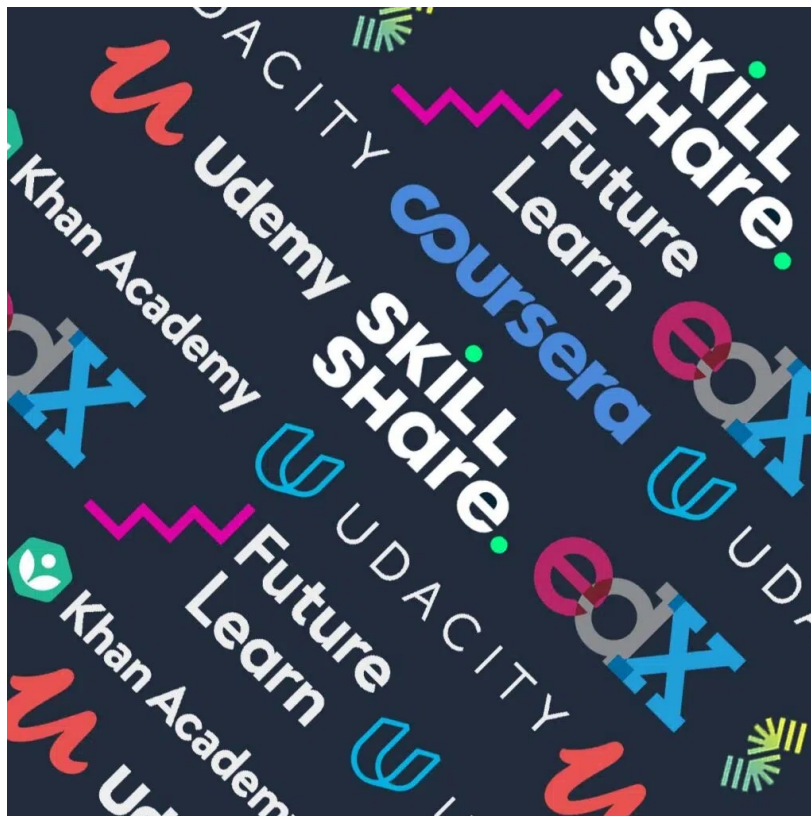
Today there are ample amount of platforms for learning and exploring. We would like to propose a platform which is closely integrated with new National Education Policy and helps the student acquire all the basic and professional skill that they want.

A platform which will there with every student with each every part of his/her learning phase.

Target age group –

Our target age group are from 3rd to 5th grade. But in later stage we certainly going to include other age group as well
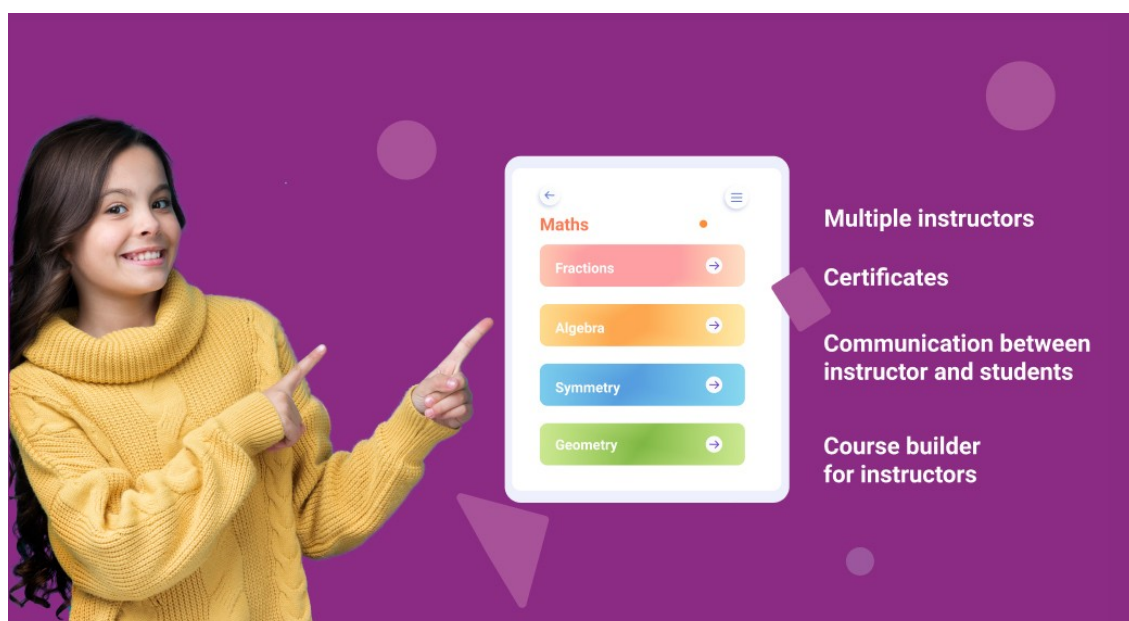
2. Traditional education system –

The traditional education system in India, which having some strengths, also had some certain limitation where it considered to be lacking in this digital age.

Here are some point out where traditional education system fall behind –

1. Memorization is a very important part of the old education system, where a student has to memorize information necessarily without understanding the underlying concepts. While this approach may be effective in short term but in future it doesn't give any benefits.

2. Lack of practical knowledge is another negative point of current education system. Where most of the time studying of the theoretical aspects give more importance them applying knowledge in practical scenarios.

3. Primary focus on only academic subject often neglected the development of other important skills such as communication, team work, critical thinking. And this lack of emphasis on skills left students ill prepared for the modern workforce.

Role of our platform:
What we are providing

We will provide skills that are beneficial for today's generation. Our platform will provide a collaborative environment for students, teachers and parents.
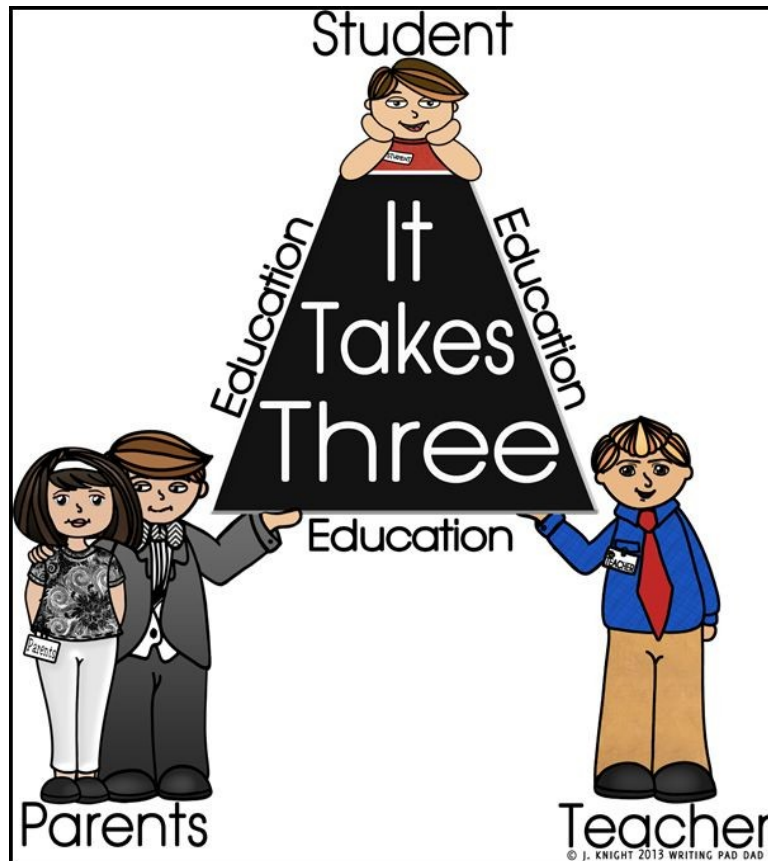
As a teaching platform curriculum is a very vital part of our system. And we believe in creating a syllabus that not only build skills in students but also make them future ready.

And to do that our team has carefully crafted a syllabus that revolve around some core concepts for every grade student. But at the same time, we change the methodology of teaching and interaction according to age groups.

And some of these core concepts are. How to channelize creativity, Know about internet and its component, Critical thinking and analysis and a very basic introduction to programming. So, from a very early age students can have an idea about what programming is about.

3. Platform Ecosystem

Identifying Skills training programs -

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4 Briefly defined Skills / Concept that we have added in our curriculum -

1. [Introduction to basic programming](#)
2. [Mathematics](#)
3. [Critical Thinking](#)
4. [Problem Solving Skills](#)
5. [Health and Fitness](#)
6. [Art and crafts](#)
7. [Internet Safety](#)
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9. [Digital literacy](#)
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Introduction to basic programming –

Teaching and introducing programming to students is an essential feature of our platform. And as of now we are targeting students who are in their 1st grade to 5th grade. And for that we created a curriculum that will introduce kids to programming and problem solving in a very fun and interactive way.

And to implement this curriculum here are some techniques -

1. **Start with Concepts:** Begin by explaining the basic concepts of programming, such as algorithms (step-by-step instructions), variables (containers for storing data), and loops (repeating actions). Use simple real-life examples to illustrate these concepts.

2. **Hand-On Activities** - In hand on activities we allow youngsters to practical exercise, while allowing them to experiments with programming logic. Like use real world objects like LEGO pieces, cards, graphs to represent different coding component.
3. **Using Age-appropriate software tools** - Kids learns fast through visual learning and for that we are using some of the age-appropriate software that are out there in our platform like Scratch Junior, Scratch or Snap. These tools offer drag and drop interface and visual programming language.
4. **Interactive Tutorials:** Online platforms like Scratch offer interactive tutorials and games that teach programming concepts in a fun and engaging way. Kids can work through these tutorials at their own pace, learning programming logic while completing coding challenges.
5. **Problem-Solving Projects:** Encourage kids to apply their programming knowledge to real-world problems. Start with simple projects like creating an animation, building a simple game, or

designing a basic website. This hands-on approach helps them see the practical applications of programming.

6. **Robotics and Physical Computing:** Introduce kids to the world of robotics and physical computing. Kits like LEGO Mindstorms or Arduino allow them to build and program their own robots or interactive devices. This hands-on experience combines programming with electronics and mechanics, making it even more exciting.

7. **Collaborative importance** - Teaching kids collaborative work is another aspect of basic programming. teaching kids how group work is done through shared interests to cooperate on joint tasks. This strategy not only enhance kids' social skills but they also learn through this how to solve a problem while working together.
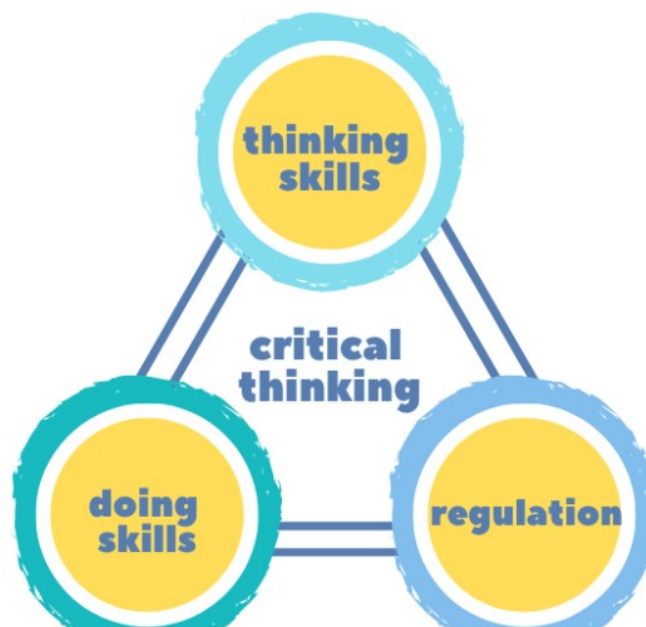
Mathematics –

It is recognized that mathematics and mathematical thinking will be very important for student future.

Some of the skills involved in mathematics are:-

#Abacus

Learning abacus skills can be beneficial for children as it helps improve their mental math abilities, concentration, and problem-solving skills.

1. Introduction to Abacus -> Begin by explaining what an abacus is and its purpose. Show them how the abacus is divided into columns and how each column represents a place value (ones, tens, hundreds, etc.). Demonstrate how to move the beads up and down within each column.

2. **Counting and Number Recognition ->** Teach children to associate the beads on the abacus with numbers. Start with simple counting exercises, where they move the beads to represent numbers 1 to 10. Gradually increase the difficulty level as they gain confidence.

3. **Addition and Subtraction ->** Introduce addition and subtraction using the abacus. Teach them the concept of "carrying over" and "borrowing" by manipulating the beads. Start with single-digit numbers and gradually move to larger numbers as their skills progress.

4. **Visualization and Mental Math ->** Encourage children to visualize the abacus in their minds while performing calculations. This helps develop mental math skills and enhances their ability to perform calculations without relying solely on the physical abacus.

5. **Speed and Accuracy ->** Guide children to improve their speed and accuracy with abacus calculations. Set time challenges and encourage them to complete calculations within a specified time frame. Emphasize the importance of accuracy over speed.

#Vedic Mathematics

Vedic Mathematics is a system of mathematics that originated in ancient India and is known for its efficiency and speed in solving mathematical calculations. Introducing Vedic Mathematics to kids can help improve their mental math skills, enhance their number sense, and develop their problem-solving abilities.

It includes --

1. Digit Sum
2. Addition

3. Subtraction
4. Multiplication
5. Division
6. Squaring

#**Puzzle**

Puzzle games are a great way to engage kids in critical thinking, problem-solving, and cognitive development.

1. **Jigsaw Puzzles:** Jigsaw puzzles involve assembling pieces to form a complete picture. They come in various sizes and difficulty levels, making them suitable for different age groups. Start with puzzles that have fewer pieces and gradually increase the complexity as kids become more skilled.
2. **Sudoku:** Sudoku is a number puzzle game that involves filling a grid with numbers from 1 to 9, making sure that each row, column, and 3x3 box contains all the numbers without repetition. There are different levels of difficulty available, making it suitable for various ages.
3. **Tangrams:** Tangrams consist of seven geometric shapes that can be rearranged to create various objects, animals, or patterns. Kids can use their spatial reasoning skills to manipulate the shapes and solve the puzzles. Tangrams are available in physical form or as digital apps.
4. **Rubik's Cube:** The Rubik's Cube is a popular three-dimensional puzzle that challenges kids to solve the cube by twisting and turning its layers until each face is a solid colour. There are

different sizes and variations of the Rubik's Cube available to cater to different skill levels.

5. **Word Search:** Word search puzzles contain a grid of letters with hidden words to find. Kids have to search for words horizontally, vertically, diagonally, or even backward within the grid. Word search puzzles can be found in activity books or online.

6. **Maze Games:** Mazes require kids to navigate through a series of paths to reach a goal or find an exit. They come in various designs and difficulty levels. Mazes can be printed from activity books or found in puzzle apps and websites.

Critical Thinking –

Developing critical thinking skills is crucial for kids as it helps them analyse information, make informed decisions, solve problems, and think independently.

Some critical thinking tasks and skills suitable for kids:

1. **Observational Skills:** Encourage children to observe their surroundings and pay attention to details. Engage them in activities like "I Spy" or nature walks where they can spot and describe objects, colours, shapes, and patterns.

2. **Problem-Solving Activities:** Provide age-appropriate puzzles, riddles, and brain teasers to challenge children's problem-solving abilities. Encourage them to think logically, break down complex problems into smaller parts, and consider different approaches.

3. **Analysing Information:** Teach children to evaluate information critically by asking questions like "Is this source reliable?" or "What evidence supports this statement?" Help them distinguish between facts and opinions and encourage them to back up their opinions with logical reasoning.

4. **Decision-Making Exercises:** Engage children in decision-making activities where they have to weigh pros and cons, consider different options, and predict potential outcomes. For example, ask them to decide on a menu for a family dinner or choose between two recreational activities.

5. **Predicting and Inferring:** Read stories or watch videos with children and encourage them to predict what might happen next or make inferences based on the information provided. This helps

them develop logical reasoning and draw conclusions based on evidence.

6. **Logical Reasoning Games:** Introduce kids to logic-based games like chess, Sudoku, or tangrams. These games promote strategic thinking, pattern recognition, and logical problem-solving.

7. **Creativity and Innovation:** Foster children's creativity by providing open-ended activities where they can generate multiple solutions or ideas. Encourage them to think outside the box, consider unconventional approaches, and explore their imaginations.

Problem Solving Skills –

Another essential life skill that the children need to develop is problem-solving. This skill will come in handy when they encounter challenges in their lives. Teaching children how to identify the root cause of a problem and brainstorm possible solutions. Also, encourage them to think critically and creatively to come up with the best solution.
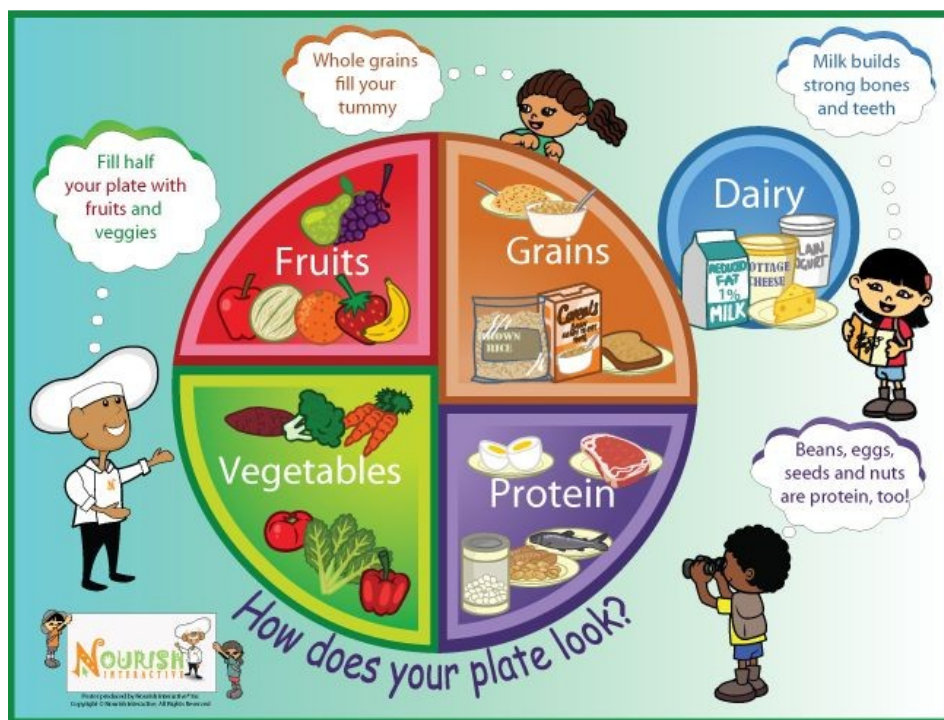
Some of the activities that we will be introducing to kids in Problem solving are -

1. Jigsaw Puzzles – Puzzle solving skills in children's help to create a fine motor skills, concentration and pattern recognition. That will help them in their mind development.
2. Picture sequences game – Giving children's task to arrange images in chronologically or spatially, help them to create strong reasoning and attention to details.
3. Group games – Introducing group games to students to increase the collaboration, negotiation and challenge resolution skills in children's can really help them in their future journey. This activity include role playing games.
4. Building Projects – Assigning tasks with limited supplies or instructions, while seeing how they react to the situation and solve the problem with limited resources.
5. Words and number problems – Introducing mathematical and words related riddles can help students to try different methods to solve some tasks. And this can improve their error analysing skills.

Health and Fitness –

#Yoga

Yoga can be a wonderful practice for children as it promotes physical strength, flexibility, balance, and mindfulness.

UPWARD SALUTE POSE   EXTENDED SIDE ANGLE POSE   WARRIOR I POSE   WARRIOR II POSE   TREE POSE   MOUNTAIN POSE

COW FACE POSE   LION POSE   HERO POSE   EASY POSE   SALUTATION SEAL   CORPSE POSE

#Diet Skills

Teaching children about healthy eating habits and providing them with the necessary skills to make nutritious food choices is crucial for their overall well-being.

1. **Balanced Meals:** Teach children about the importance of balanced meals that include a variety of food groups. Encourage them to include fruits, vegetables, whole grains, lean proteins, and healthy fats in their meals.
2. **Portion Control:** Help children understand appropriate portion sizes. Teach them to listen to their body's hunger and fullness

cues, and to avoid overeating or consuming excessively large portions.

3. **Meal Planning:** Involve children in meal planning activities. Let them help choose healthy recipes, create grocery lists, and participate in preparing meals. This can increase their interest in nutritious foods and develop their cooking skills.

4. **Snack Choices:** Educate children about making healthy snack choices. Encourage them to opt for fresh fruits, vegetables with dips, yogurt, nuts, or homemade snacks instead of sugary or processed options.

5. **Mindful Eating:** Teach children to eat mindfully by focusing on their food, chewing slowly, and paying attention to taste and texture. This helps them develop a healthy relationship with food and prevents overeating.

6. **Hydration:** Teach children about the importance of staying hydrated. Encourage them to drink water throughout the day and limit sugary drinks like soda or juice.
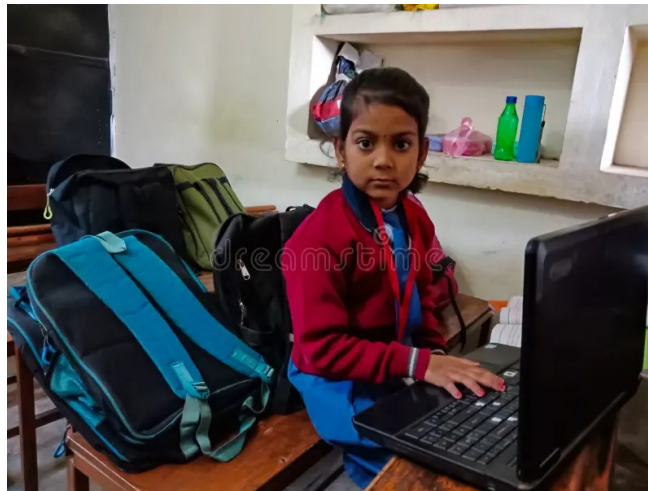

7. **Reading Food Labels:** Teach children how to read and understand food labels. Help them identify key information such as serving size, ingredients, and nutritional content, including sugar, sodium, and fat content.

Internet Safety –

Teaching cybersecurity to kids help them develop a strong foundation of digital literacy and online safety.

Terminology's that we are going to teach kids in cybersecurity.

1. **Online safety and responsible internet use** –
   Teaching kids about not sharing their personal details in any social media platform. And teaching them how to protect their data in the online world.

2. **Gaming and online safety** –
   Increasing influence of online gaming and the scams that are happening through online gaming, we can add a section, where we are going to aware students about potential scams that can happen while playing online games and how can we avoid them.

3. **Teaching about cyberbullying** –
   Due to the rise of social media, cyberbullying is becoming very common these days. And people often don't know when they are doing this and when they are becoming the victim of it. So, there

will be a special section in our curriculum that will teach students about cyberbullying and how they can create a safe internet environment around them.

Application Use –

Teaching kids about different applications, can help them to develop a knowledge about digital world while enhancing their learning experience.

Some of the categories of application where we can focus.

1. **Educational Applications –**

   Scratch - Scratch is a programming language application that helps instructors to introduce coding concepts to kids who are in their early stage of learning.

Language learning applications - If a kid knows more than one language from a very early age, not only it helps him/her to understand concept better but also let them adapt to different environment quickly.

2. **Science And exploration application –**
   Nasa kids club - Teaching kids about space and exploration through games and insightful videos.
   Google Earth - Teaching kids how to use google earth can help them to understand geography of the world through a very visual way.

3. **Productivity applications –**
   Google workspace application - Giving kids an overview about writing and presentation application like google docs, slides, spreadsheet etc.

4. **Reading applications** –
   Providing different reading materials based on their understanding can really enhance a child knowledge as well as boost their confidence. And we can achieve this by creating our own library where kids can find books as well as specially designed editorial Column on a daily basis.

Digital Literacy –

To keep a view of increasing internet consumption and exposure to technology in daily life, we think it is a best time to introduce a course that actually teach kids how internet works and how to use it safely.

Some of the techniques that will be using in our curriculum are -

1. **Personal Information Protection –**

   In this the guide is going to teach the kids that they shouldn't share their personal details like name, address, phone number, dob, and family details because exposing this could cause their identity theft, cyberbullying, stalking. The kids would be encouraged not to click on suspicious links or pop-ups ads that ask for sensitive information.

2. **Trustworthiness**
   The kids were advised to trust only authorized sources that are only coming from school, college, teachers, parents and experts for accurate facts. This also includes helping them identifying legitimate sites vs fake or misleading websites promoting false or unproven claims. Also giving the information that the everything that they see in the web is real because people might lie or exaggerate too, just like in the real life.

3. **Social media awareness –**
   Teaching safety surrounding social media, usage, chat rooms and instant messaging apps and tell the importance of responsible engagement practices.

Typing Classes –

Teaching kids the skills of typing can really help them to use computers effetely. And it is our job to make it more fun and interactive process. And for we create a step-by-step process to achieve fast typing skills.

1. **Introducing to typing** - A brief guided lesson about keyboards and important of typing that can help them throughout their lives.

2. **Showing different component of keyboard** - Showing kids keyboard while explaining different keys works and functionality, including space bar, shift key and enter key.

3. **Using typing programs designed for kids** - There are several typing programs are available online that are specially designed for kids such as Typing club and Dance Mat Typing. Bringing this type of program in students typing journey can bring out the interest out kids in typing.

4. Monitoring each kid progress - Typing is a skill that take some time to master. And monitoring this process can really help to identifying the area where students are struggling. So, we can help them in there mastering typing skills.

Arts and crafts –

Arts and crafts activities help kids to develop or express their creativity, imagination, and cognitive abilities while teaching them how to channelize their creative side.

Some of the techniques that we will be using in our curriculum are -

1. **Drawing skills development –**

   Bringing kids closure to art is a very important thing for us. Because art is the pure form of creativity and for this, we make sure that kids can put their colours and shapes in the canvas and draw what they are thinking.

2. **Work on calligraphic style of handwriting –**
   Teaching students about different kind of handwritings is also available in our courses. Specially Calligraphy it teaches not just how to write but how to make it more visually appealing.

3. **Working with papers –**
   A one concept that is unique and can help a child in many different ways but not so often talk about it "creating origami". Origami is not a new concept but it is very under-utilized. This simple paper folding techniques has many benefits if it will teach to the children. Like geometry, thinking skills, fractions, problem solving skills.

4. Sewing and embroidery –
   Introduce basic sewing skills using a plastic needle and felt fabric. Kids can sew small stuffed toys or practice embroidery stitches on fabric.

5. Collage Making –
    Collect old magazines, newspapers, coloured papers, and glue. Kids can cut out interesting images and create collages based on different themes or their own imagination.

6. Recycled Craft –
   Encourage kids to repurpose and recycle materials such as cardboard boxes, egg cartons, and plastic bottles to create art. They can make robots, sculptures, and even functional items like pencil holders.

7. Nature Craft –
   Take kids on a nature walk to collect leaves, flowers, and twigs. They can use these natural materials to create artwork like leaf rubbings, nature collages, or pressed flower designs.

Literacy and communication skills –

Literacy and Communication skills are crucial for children as it forms the foundation for their academic success and lifelong learning. We can sharp these skills in the students using various strategies and technique such as:

1. **Storytelling and role playing –**

   We can boost the children communication skills by engaging them in storytelling activities and role-playing scenarios. These activities encourage creativity, imagination, and the ability to convey thoughts and ideas effectively.

   2. **Public**

Speaking and Presentation
   We could provide opportunities to children to practice public speaking and presentation skills. This can be done through participating in debates, giving them presentation on any topic, or even organizing small group discussions.

3. Writing Skills
   We can Provide opportunities for children to practice their writing skills. We will Start with simple activities like tracing letters, forming words, and writing short sentences. Gradually progress to writing stories, journal entries, and creative pieces. Offer constructive feedback on their writing to foster improvement. Simultaneously

we could also improve their handwriting by giving a handwriting book from which they can practise how to beautify the writing.

4. Vocabulary Building
Vocabulary can be built by introducing new words to children and help them understand their meanings in context. We could encourage the use of rich and varied vocabulary in their daily conversations. Play word games, use flashcards, and engage in word association activities to expand their word   knowledge.

5. Letter Formation
Teach children how to correctly form each letter of the alphabet. Start with uppercase letters and then move on to lowercase letters. Emphasize proper letter formation, including starting points and directional strokes.

Personal Skills –

Personal skills include teaching children's how to take care of the body of our own.

1. **Sun Protection -->** Educate children about the importance of sun protection. Teach them to apply sunscreen before going outside, wear hats and sunglasses, and seek shade during the hottest parts of the day.
2. **Sleep Routine -->** Help children establish a regular sleep routine by setting consistent bedtimes and wake-up times. Teach them the importance of getting enough sleep for their overall health and well-being.
3. **Dressing Skills -->** Encourage children to dress themselves independently. Teach them how to choose appropriate clothing for different weather conditions and how to put on and take off clothes, including buttons, zippers, and Velcro closures.

First Aid Skills -

1. **Emergency Numbers -->** Teach children how to dial emergency services. And explain the importance of providing their name, location, and a brief description of the emergency.

2. **Recognizing an Emergency -->** Helping children to understand what are the different situation that can occur in the household and in school related to emergency and how to react on these situations.
3. **Basic Wound Care -->** Teach kids how to clean minor wounds with soap and water, apply an adhesive bandage (band-aid), and cover the wound to prevent infection. Emphasize the importance of washing hands before and after providing first aid.
4. **CPR (Cardiopulmonary Resuscitation) -->** While children may not be able to perform full CPR, teach them the basics. Explain how to perform hands-only CPR by pushing hard and fast on the centre of the chest and encourage them to seek adult help as soon as possible.

Nature and environment Skills –

#Nature

Engaging children in nature-related activities can foster a deep connection with the natural world and promote environmental stewardship.

1. **Nature Journaling:** Provide children with a journal or sketchbook to record their observations and experiences in nature. Encourage them to write or draw about the plants, animals, and landscapes they encounter, as well as their thoughts and feelings.
2. **Birdwatching:** Introduce children to the world of birds. Teach them how to identify common bird species in their area and how to use binoculars. Set up bird feeders in your yard and guide them in observing and learning about birds' behaviour and habits.
3. **Nature Crafts:** Engage children in nature-themed crafts using materials found in nature. They can create leaf rubbings, make bird feeders out of pinecones, or create collages using natural materials like rocks, shells, or feathers.
4. **Nature Photography:** Introduce children to basic photography skills and encourage them to capture the beauty of nature. Teach them about composition, lighting, and perspective. Provide them with a camera or let them use a smartphone to document their findings.
5. **Nature Conservation:** Teach children about the importance of protecting and conserving nature. Discuss topics like recycling, reducing waste, conserving water, and practicing responsible outdoor ethics such as leaving no trace.

#Agriculture

Teaching children about agriculture and farming can help them develop an understanding and appreciation for where their food comes from, the importance of sustainable practices, and the value of nature.

1. **Gardening:** Encourage children to grow their own plants and vegetables. Start with simple herbs or easy-to-grow vegetables like tomatoes, lettuce, or radishes. Teach them how to prepare the soil, sow seeds, water plants, and care for them as they grow.

2. **Composting:** Teach kids about composting and the importance of recycling organic waste. Explain how composting can enrich soil and reduce waste. Show them how to create a compost pile or use a compost bin, and involve them in the process of collecting and adding organic materials.

3. **Plant Identification:** Take children on nature walks or visits to botanical gardens to learn about different plants, trees, and flowers. Teach them how to identify plants by their leaves, flowers, and other characteristics.

4. **Water Conservation:** Educate children about the importance of conserving water in agriculture. Discuss techniques such as using drip irrigation, collecting rainwater, and being mindful of water usage when tending to plants.

5. **Farm-to-Table Experience:** Organize visits to farmers' markets, local farms, or community gardens. Engage children in conversations with farmers, allowing them to learn about different crops, farming techniques, and the journey of food from the farm to their table.

6. **Food Preservation:** Teach kids about food preservation techniques such as canning, drying, and freezing. Involve them in

activities like making homemade jams, pickles, or dried fruit, emphasizing the importance of reducing food waste.

Pet Caring –

To teach kids a sense of responsibility, empathy, and compassion pet caring is a great task that we can teach a kid.

1. **Feeding:** Teach children about the specific dietary needs of their pets. Show them how to measure appropriate portions of food and how to establish a regular feeding schedule. Encourage them to provide fresh water for their pets daily.

2. **Grooming:** Teach children how to groom their pets, depending on the type of animal. Show them how to brush fur or hair, trim nails (under supervision), and clean ears. Help them understand the importance of regular grooming for their pet's health and well-being.

3. **Exercise:** Explain the importance of exercise for pets and help children establish a routine. Encourage them to engage in active play with their pets, such as throwing a ball or playing with interactive toys. Discuss the specific exercise needs of different pets, ensuring they are met.

4. **Hygiene:** Teach children about maintaining cleanliness for their pets. Show them how to clean litter boxes, scoop up after dogs, or clean cages for small pets. Emphasize the importance of keeping the pet's living area clean and odour-free.

5. **Veterinary Care:** Educate children about the importance of regular veterinary check-ups for their pets. Teach them how to identify signs of illness or discomfort in their pets and encourage them to report concerns to a trusted adult. Involve them in scheduling and accompanying the pet to veterinary appointments.

6. **Safety:** Instruct children on how to keep their pets safe. Teach them about potential hazards such as toxic foods, dangerous plants, or household items that can harm pets. Emphasize the importance of keeping pets away from busy roads or unsafe areas.

Student Assessment System

As part of providing better education and learning, our platform will implement a student assessment system. And the main motive of this system will be to analyse and evaluate student performance to ensure their effective learning outcomes. As well as assess how students are responding to our course and identifying areas where improvement may be needed.

And to apply this assessment process, we will be introducing a review system within our platform, and this system will be designed to evaluate students' performance based on regular testes conducted by our faculty.

Upon completion of each test, students will assign pointes based on their performance. And while assigning these grade points we will take account on various factors to determine the points allocating to each student.

Also, the points earned by students are prominently displayed in their profile, provide them the transparent representation of their progress and achievements.

Again, the performance data collected through the assessment will not valuable for students but it will help us too, to create personalized learning paths for each student and to recognize where we have to work more.

After the assessment the reward system will also be going to introduce where student can earn virtual badges, certification or other forms of recognition based on their point and achievements.

Transparency is very important int this reviews system and to keep in mind we also have to understand the crucial role of parents in their child journey. And that's why we encourage parents to actively involve to monitor student progress. Parents can also access their child assessment data, progress report, and can communicate with teachers to discuss performance and feedback.

And as we continue to move forward in our journey, The student assessment system will also undergo continuously by open feedback and by our learning.

6.Scholarship program

Scholarship program is another import aspect of our project, and we know how important it is to keep students motivate and help them to stay on track with their courses and education. That's why our platform has an incredible scholarship program that reward students for their hard work and dedication,

Our program is carefully designed to be directly linked to student performance in their sessions and assessment reviews. And this makes the value of weekly and monthly test more important. While giving us a clear overview of how well students are grasping the concepts and applying them.

So, how does it all work? And for that we crunch all the numbers and analyse the overall grades of the students. We closely inspect at their performance, consistency throughout their learning journey. And finally based on this analysis, we pick a selected group of students who have truly stood out with their outstanding performance and dedication.

And here is another part of the program: the chosen students will receive a well -deserved scholarship for their future education. Because we believe in supporting our student beyond their time in our platform. And that is why we understand that, it is our responsibility to give them a head start in their academic pursuits, and help them achieve even greater things in life.

Support provided by Scholarship program -

Once we select the recipients, we'll provide them with opportunity to pursue their future education. And this support could be financial support for their tuition fees, access to advanced coding courses, mentorship program, or partnership with well settled educational institutions.

Overview of ecosystem:

Prespectives:
Student

Every student will get thier own view where they can:

- Sign up / sign in
- Create profile
- Add profile picture and description
- Skills they are interested in.
- Course catelog
- Enrolled courses

Reset page to default

Barbara Gardner 💬 Message

I'm Barbara but friends call me B (yes, pronounced as *bee*). I like a lot of stuff but some people and things a bit more !

We have horses at home. I've been riding since I was a little kid. I love horses.

At school I'm really interested in History and Media (film in particular.)

I like social media and posting on forums. Many people feel they express themselves better there. Of course, there are idiots too but they get sorted out quickly.

DEMO VIEWERS: click *HERE* ***to see many things Barbara (demo student) can see and do.***

User details	Course details
	Course profiles
Edit profile	Course profiles

?

Barbara Gardner 💬 Message

Courses I am taking

Course name	Grade
Critical Thinking: Develop your skills	73.00
Votes for Women!	-
Celebrating Cultures	97.33
History: Russia in Revolution	-
World of Water	78.18
Junior Geography: Where's Matt?	-

?

A view of all the courses and grades

examples of what you can do with this account or go to the my courses page and explore!

Timeline

| All ⌄ | Sort by dates ⌄ | Search by activity type or name |

Wednesday, 5 July 2023

01:00   📄   Assignment 01 (Middle ages)
Assignment is due · Literature of France 1100 - 1960

Add submission

Tuesday, 11 July 2023

01:00   📄   Assignment 03 (17th century)
Assignment is due · Literature of France 1100 - 1960

Add submission

?

A Dashboard with all there activities and assignments.

Students can interact with their instructors.

Skill enhancer(Teacher)

Jeffrey Sanders ⌕ Message

Courses I am taking

Course name	Grade
Mindful course creation	-
Staffroom	-

Courses I am teaching

Course name
Critical Thinking: Develop your skills
Votes for Women!

For instrutors there will be course that they will teach and course to teach them about the platform. Where instructors can learn how to create couses and activities for children.

A view where instructor can show what courses the are teaching and are learning.

A quick and easy grading process

Course content creation

Moodle and Mountaineering

Course   Settings   Participants   Grades   Reports   More ⌄

Edit course settings

Enable download course content ❓   Site default (No) ⇕

Course start date ❓   6 ⇕ May ⇕ 2020 ⇕ 00 ⇕ 00 ⇕ 📅

Course end date ❓   16 ⇕ June ⇕ 2023 ⇕ 13 ⇕ 46 ⇕ 📅
☐ Enable

Course ID number ❓

⌄ Description

Course summary ❓

Edit View Insert Format Tools Table Help

↶ ↷ **B** *I* 🖼 ▶ 🎤 🎥 H5P 🔗 🖉 ⋯

A course designed to introduce you to basic Moodle features while planning a trip to Mont Blanc. You don't need to know anything about climbing to do it - but you do need to want to learn how to teach with Moodle!

Course image

Maximum file size: 8 MB, maximum number of files: 1

📥

⊞ ≣ 📁

📁 Files

MontBlan…
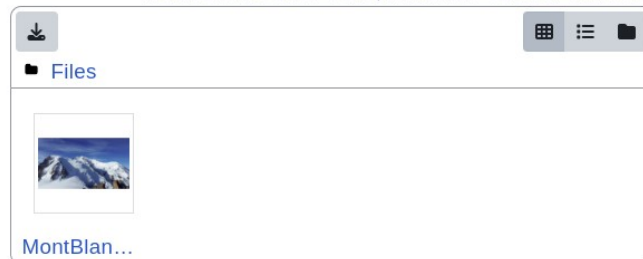
Accepted file types:

Image (GIF) .gif
Image (JPEG) .jpg
Image (PNG) .png

› **Course format**

› **Appearance**

› **Files and uploads**

› **Completion tracking**

› **Groups**

› **Role renaming**

Parent

See your child's activity online

- Barbara Gardner
- Charles Gardner

Recently accessed courses

Psychology in Cinema
Art and Media

World of Water
Society and Environment

Timeline

Parents can check the performances of their children.

Teacher se baat karna
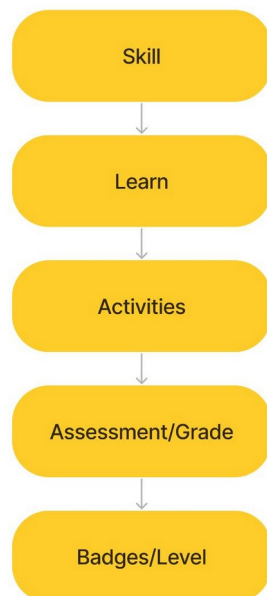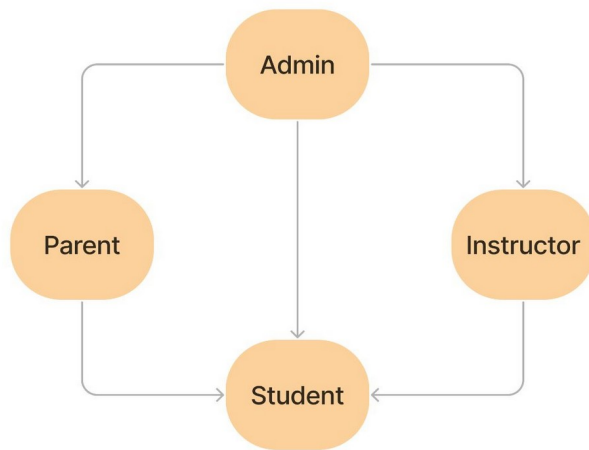
Admin

Complete command of platform.

Landing page:

First view of platform.

Structure of complete system:

From to skill to Badges

Flow of control in ecosystem

```
                    Admin
                   /  |  \
                  /   |   \
                 /    |    \
            Parent    |    Instructor
                 \    |    /
                  \   |   /
                   \  |  /
                   Student
```

```
        Skill
          ↓
        Learn
          ↓
       Activities
          ↓
    Assessment/Grade
          ↓
      Badges/Level
```

References:

- Education: UNICEF is committed to ensuring all children in India have access to inclusive and equitable quality education. https://www.unicef.org/india/what-we-do/education
- India's Education System Is in Crisis. https://www.cfr.org/blog/shaheen-mistri-indias-education-system-crisis-0

Images references:

- Image of girl: https://www.themeum.com/build-a-site-like-byju-with-wordpress/
- Diagram 1: https://d274cmdd0goq94.cloudfront.net/wp-content/uploads/2021/01/ZfMtBNVEpKVzviUP78lDrhX2UnSKgsOlpGWVz5kc.png