



THE USE OF ICT IN PEDAGOGY



every teacher's daily mentor, assistant and friend

500+ SCHOOLS | 5000+ TEACHERS | 200,000+ STUDENTS

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CHALLENGES

**THE WORLD WILL NEED TO
RECRUIT 25.8 MILLION SCHOOL
TEACHERS TO PROVIDE EVERY
CHILD WITH A PRIMARY
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([UIS FACTSHEET 2015](#))

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THERE IS AN AVERAGE OF 43
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IN ONE-THIRD OF ALL COUNTRIES, LESS THAN 75% OF TEACHERS WERE TRAINED ACCORDING TO NATIONAL STANDARDS (UIS)

IT IS DIFFICULT TO RECRUIT AND RETAIN TEACHERS IN REMOTE RURAL AREAS AND IN CONFLICT-AFFECTED AREAS, WHERE THE MAJORITY OF OUT-OF-SCHOOL CHILDREN

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TEACHERS ARE MOSTLY TRAINED VIA OFFLINE/ONLINE WORKSHOPS WHICH EXPECT THEM TO FIGURE OUT HOW TO ADOPT WHAT THEY LEARN INTO THEIR DAILY PRACTICE

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TEACHERS ARE MOSTLY TRAINED VIA OFFLINE/ONLINE WORKSHOPS WHICH EXPECT THEM TO FIGURE OUT HOW TO ADOPT WHAT THEY LEARN INTO THEIR DAILY PRACTICE

THERE IS NO SIMPLE WAY FOR TEACHERS TO USE EVIDENCE BASED FEEDBACK ABOUT WHAT'S WORKING TO IMPROVE AND PERSONALIZE THEIR TEACHING



**IF WE TEACH TODAY'S
STUDENTS
AS WE TAUGHT
YESTERDAY
WE ROB THEM OF THEIR
TOMORROW-**

-JOHN DEWEY

THE ROLE OF TECHNOLOGY FOR 21ST CENTURY CLASSROOMS

OUR JOURNEY



**CURRENT DIGITAL EDUCATION PRODUCTS
FOCUS ON SELF LEARNING**



EVERYBODY IS IN A HURRY TO MAKE THE STUDENT SMARTER



WHAT ABOUT THE TEACHER???

› **Digital Classroom + Ineffective Teacher Support = Failed adoption**

- Low usage
(because teachers aren't provided appropriate motivation & support)
- Low implementation fidelity
(because teachers can't figure out the right way to use the product)
- Low customer retention
(because it is not giving the customer the desired outcomes)

› **Digital Classroom + Current ways of Effective Teacher Support = Scalable, Affordable**

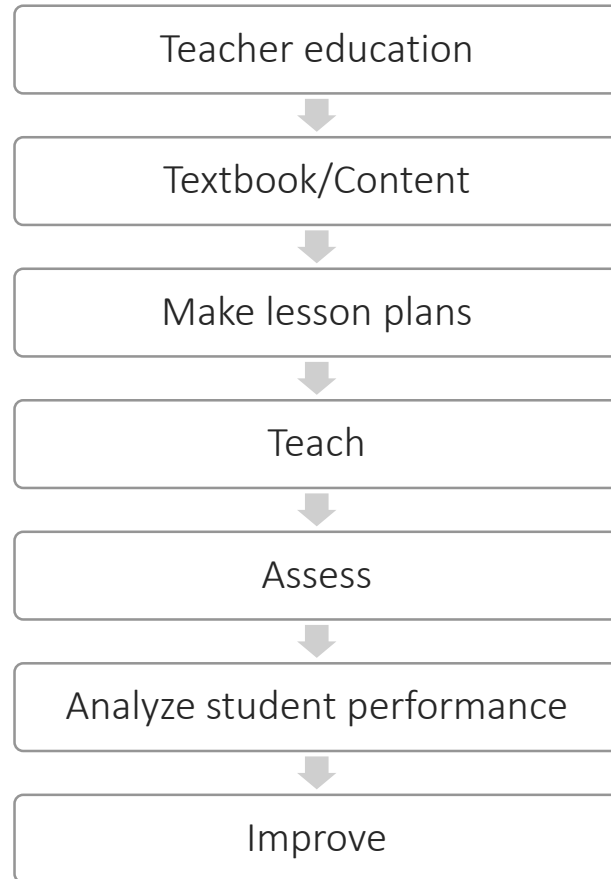
- Daily mentorship is the only model of teacher support producing results
(but... it is impossible to find enough high-quality mentors available to teachers everyday)



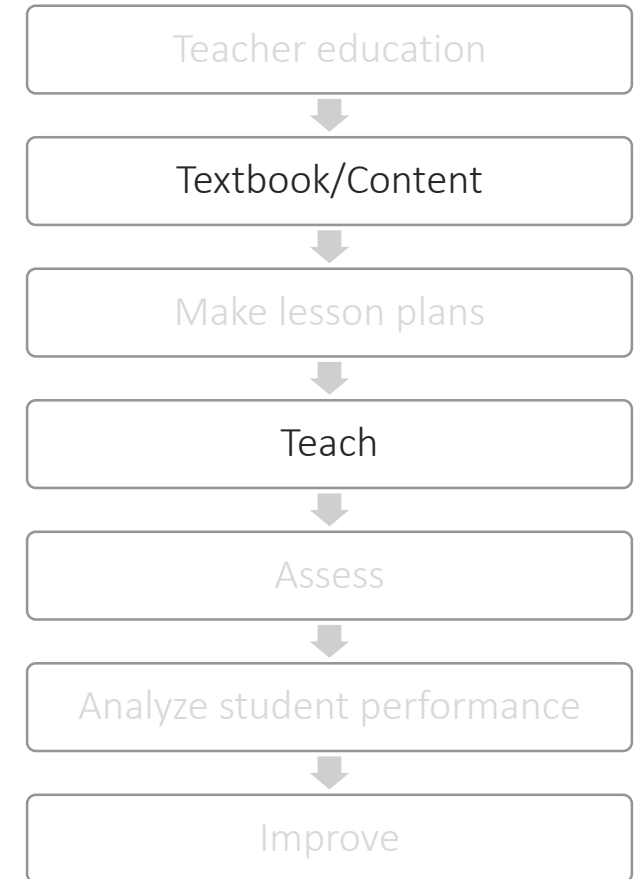
every teacher's daily mentor, assistant and friend

An **app** that makes it easy & interesting to teach better and continuously improve by using evidence based feedback on what is working well.

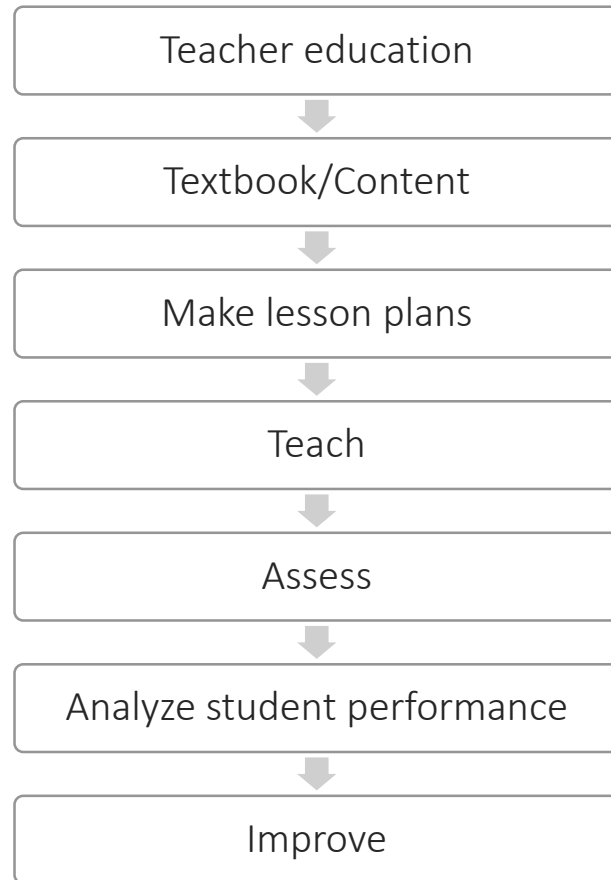
What teachers are expected to do



What most teachers prefer doing

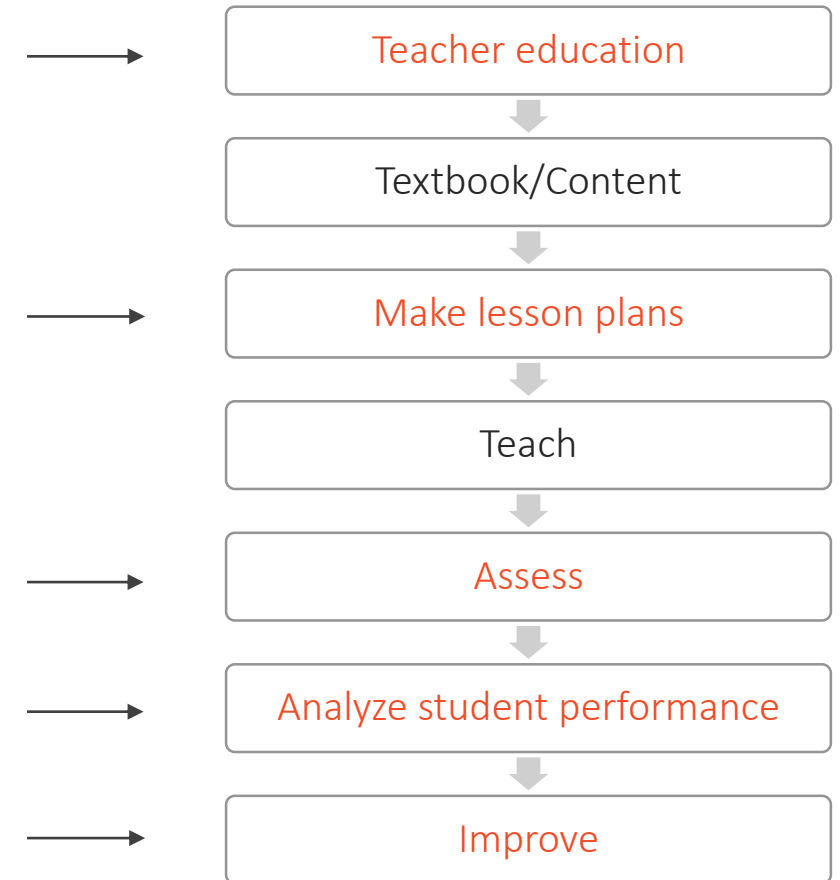


What teachers are expected to do

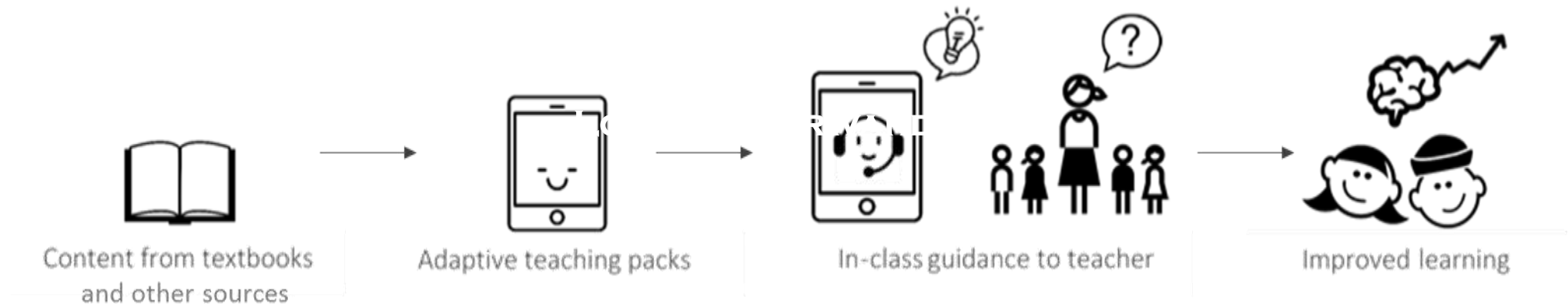


This is what we
do for them
using our app
and algorithms

What most teachers prefer doing



The Guru-G Effect



2012

**FIELD RESEARCH &
GATHERING
IN-SIGHTS**

2013

**GLOBAL VOYAGE
UNREASONABLE @ SEA
PRODUCT
DEVELOPMENT**

2014

**FIRST IMPLEMENTATION
ACROSS 50 REMOTE
SCHOOLS, SOUTH INDIA**

2015

**EXPANDED TO 7 STATES
ACROSS INDIA –
EXTREME LOCATIONS, 5
INDIAN LANGUAGES**

2016

**RE DESIGN THE
PRODUCT &
PARTNERSHIPS WITH
GLOBAL EDUCATION
COMPANIES**

2017

**BUILDING GLOBAL
PARTNERSHIPS
LOOKING FORWARD
TO GLOBAL PILOTS**

OUR TECHNOLOGY SOLUTION

**BRIDGES THE GAP BETWEEN
TRAINING AND CLASSROOM
TEACHING**

**THE APP LARGELY FOCUSES ON
PROCESS AND METHODOLOGY
OF TEACHING**

**CONFIRMS TO THE EXISTING
TEACHING PRINCIPLES AND
PRACTICES**

**HELPS TEACHER LEARN NEW
SKILLS AND CUSTOMIZE THEIR
TEACHING METHODS IN
REAL-TIME**

<

UNIVERSAL LAW OF GRAVITY

🕒 28 : 30

🔍

FILTER

CURIOSITY

ENGAGEMENT

APPLICATION

REFLECTIC

CHALK AND TALK

🕒 12 : 30

SELECT ☐

Briefly introducing the class to the concepts of Thrust, Pressure, Buoyancy and Archimedes' Principle. ...

🏷️

TAGS : Memory Understanding Creating

CINEMA/VIDEO

🕒 12 : 30

SELECT ☒

Explaining Thrust, Pressure and Archimedes Principle in detail using videos

🏷️

TAGS : Memory Understanding Application

PICTURE/ILLUSTRATION

🕒 12 : 30

SELECT ☐

Examples of Pressure and Thrust using images

🏷️

TAGS : Memory Understanding Application

NEXT STEP

CURIOSITY

ENGAGEMENT

APPLICATION

REFLECTIC

CHALK AND TALK

5 : 30

💡

IDEA

📐

MATERIAL

📄

DETAILED

📷

MEDIA

Draw two planets on the board in two configurations. One where the planets are close to each other. One where they are far apart. Ask the students to guess in which configuration do planets exert more force on each other. Now draw two configurations. One with planets bigger than the other. Let the students guess where gravity is stronger.

Now draw one configuration where two small planets are close and another where two big planets are far apart. Now ask the students to guess. It'll be hard to guess. Tell them they'll learn in this class how to know answers to such questions.

⌂

⌂

EXIT

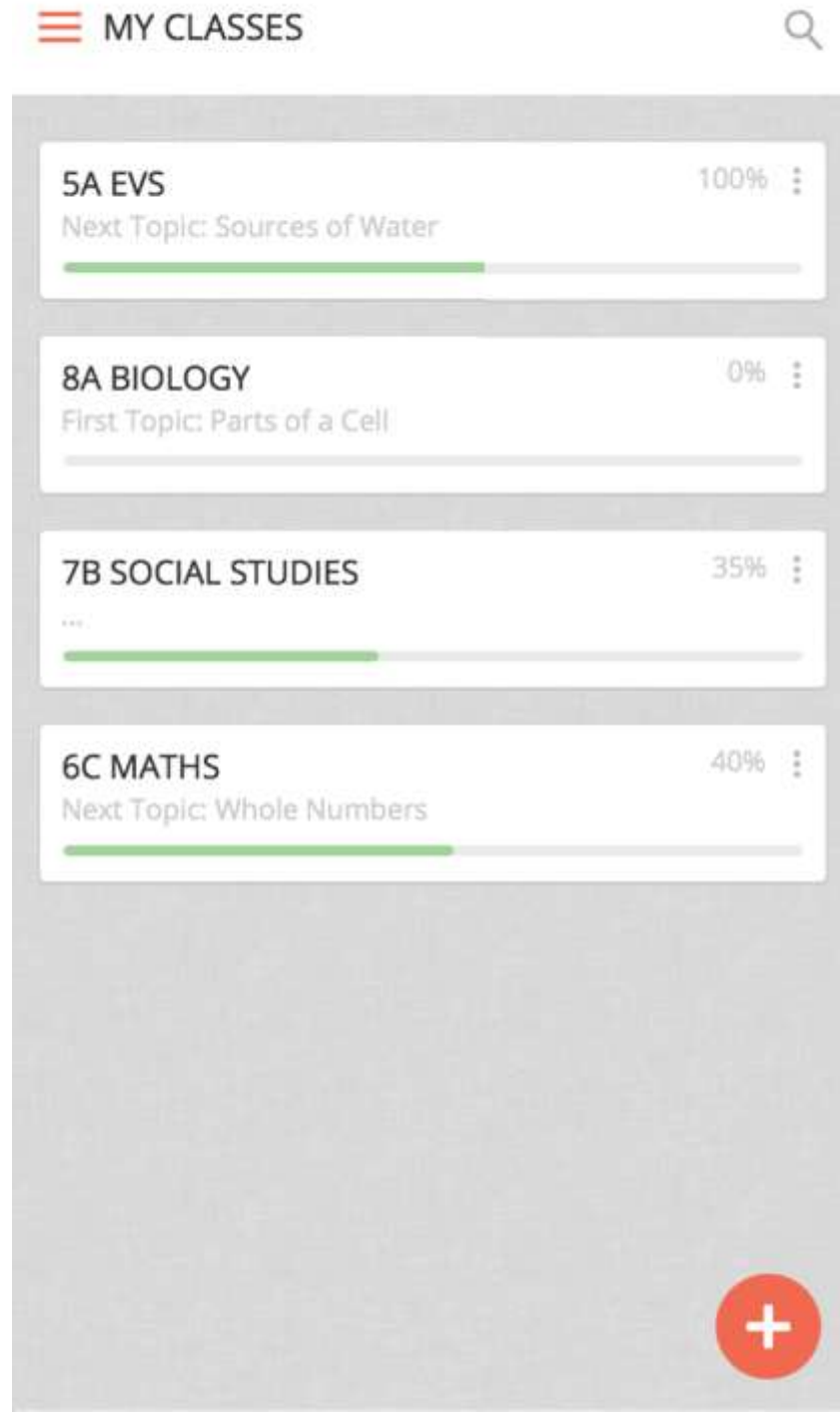
🕒 28:30

PAUSE

Do you want to discover curriculum aligned ideas and lesson plans on your smartphone?

Gee gives you new ideas for using different types of content to teach each class in an interesting way

EASILY ADD AND MANAGE ALL YOUR CLASSES



ORGANIZE YOUR CLASSES AND TRACK PROGRESS

< 5A EVS 🔍

PACK : GRAVITATION

VIEW ALL PACKS

✓

Buoyancy
Status : Taught

📅

21 oct

⋮

✓

Centripetal and Centrifugal Force
Status : Taught

📅

22 oct

⋮

✓

Centripetal and Centrifugal Force
Status : Taught

📅

24 oct

⋮

📖

Universal Law of Gravitation
Status : Planned

🕒

25 : 30

⋮

📖

Archimedes' Principle
Status : Planned

🕒

27 : 30

⋮

📖

Archimedes' Principle
Content not available

🕒

-- : --

⋮

⋮

Speed and velocity
Status : Unplanned

🕒

22-

+

FIND NEW PRACTICES, LESSON PLANS

< UNIVERSAL LAW OF GRAVITY ⌚ 28 : 30 FILTER

CURIOSITY ENGAGEMENT APPLICATION REFLECTIC

CHALK AND TALK ⌚ 12 : 30 SELECT ☐

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Explaining Thrust, Pressure and Archimedes Principle in detail using videos

🏷️ TAGS : Memory Understanding Application

PICTURE/ILLUSTRATION ⌚ 12 : 30 SELECT ☐

Examples of Pressure and Thrust using images

🏷️ TAGS : Memory Understanding Application

NEXT STEP

ADAPTIVE GUIDANCE FOR TEACHING CREATIVELY


CURIOSITY


ENGAGEMENT


APPLICATION


REFLECTIC

CHALK AND TALK5 : 30

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DETAILED

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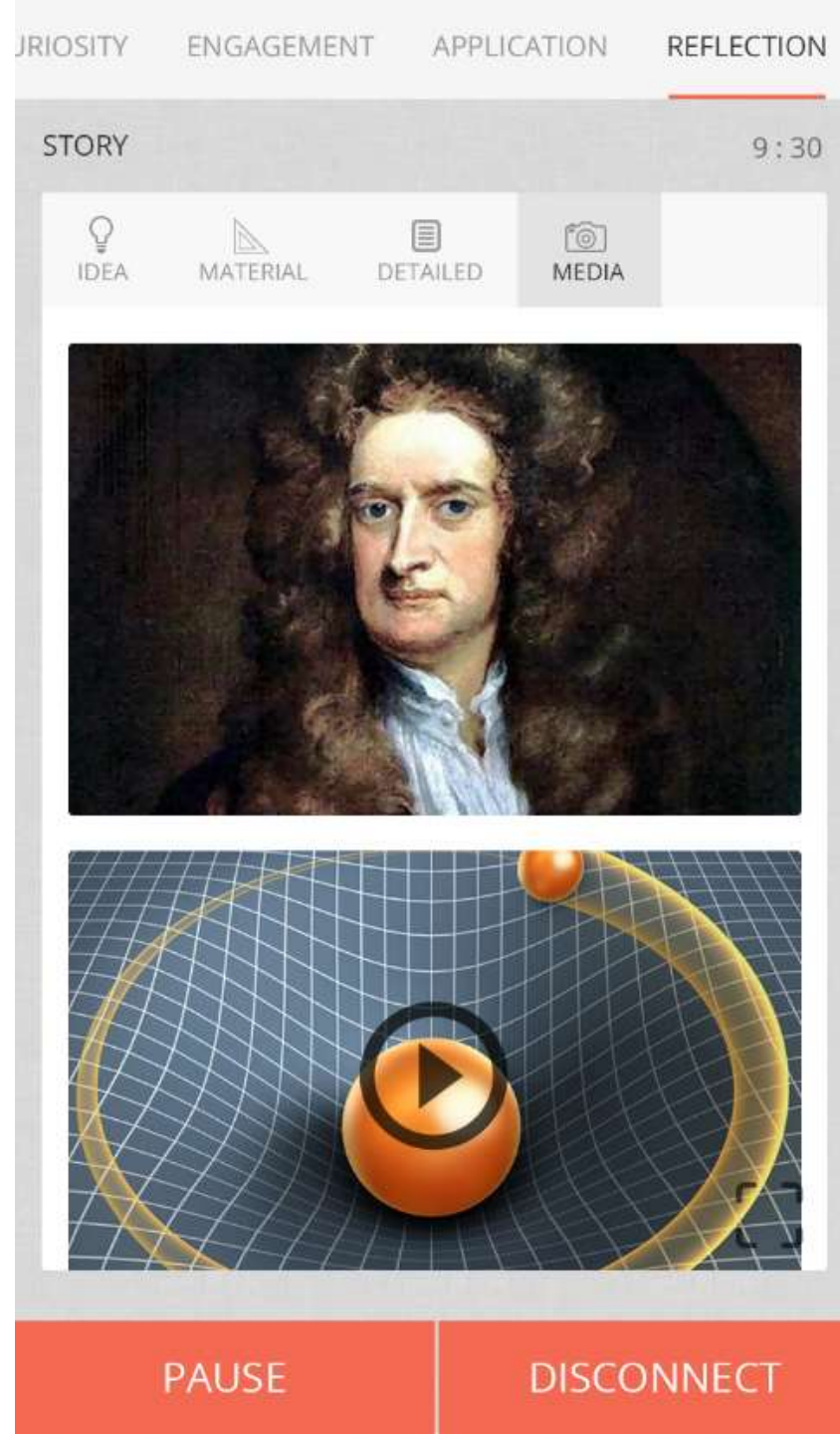
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EXIT

 28:30

PAUSE

ACCESS DIFFERENT KINDS OF MEDIA RESOURCES TO ENHANCE LEARNING



Use them in different ways:

1. Assign as homework
2. Show in class from a computer connected to a projector
3. Show in class from a projector that connects directly to a phone/tablet



HURRAY YOU ARE DONE!

You have just finished teaching gravitation to 5A EVS

STAGES OF LEARNING ADDRESSED

Memory

Application

Creativity

21ST CENTURY SKILLS IMPARTED

Understanding

Communication

Analysis

Critical thinking

ICT Skills

Collaboration

TIME TAKEN BY YOU

🕒 22:05

AVG TIME TAKEN BY PEERS

🕒 00:10

NEXT

GAMIFIED
FEEDBACK TO
TEACHERS FOR
CONTINUOUS
IMPROVEMENT

AUTOMATIC GENERATION OF LOGBOOKS AND REPORTS

← 5A SCIENCE

15 Jun 2016

50 Min

✓ You taught eating habits of animals

8 Periods

Lecture explanation

15 Min

Brainstorming

20 Min

Puzzles

05 Min

Experimental activity

10 Min

17 Jun 2016

45 Min

✓ You taught Keeping safe

7 Periods

Black board

25 Min

Discussion

10 Min

Role play

05 Min

Hands on activity

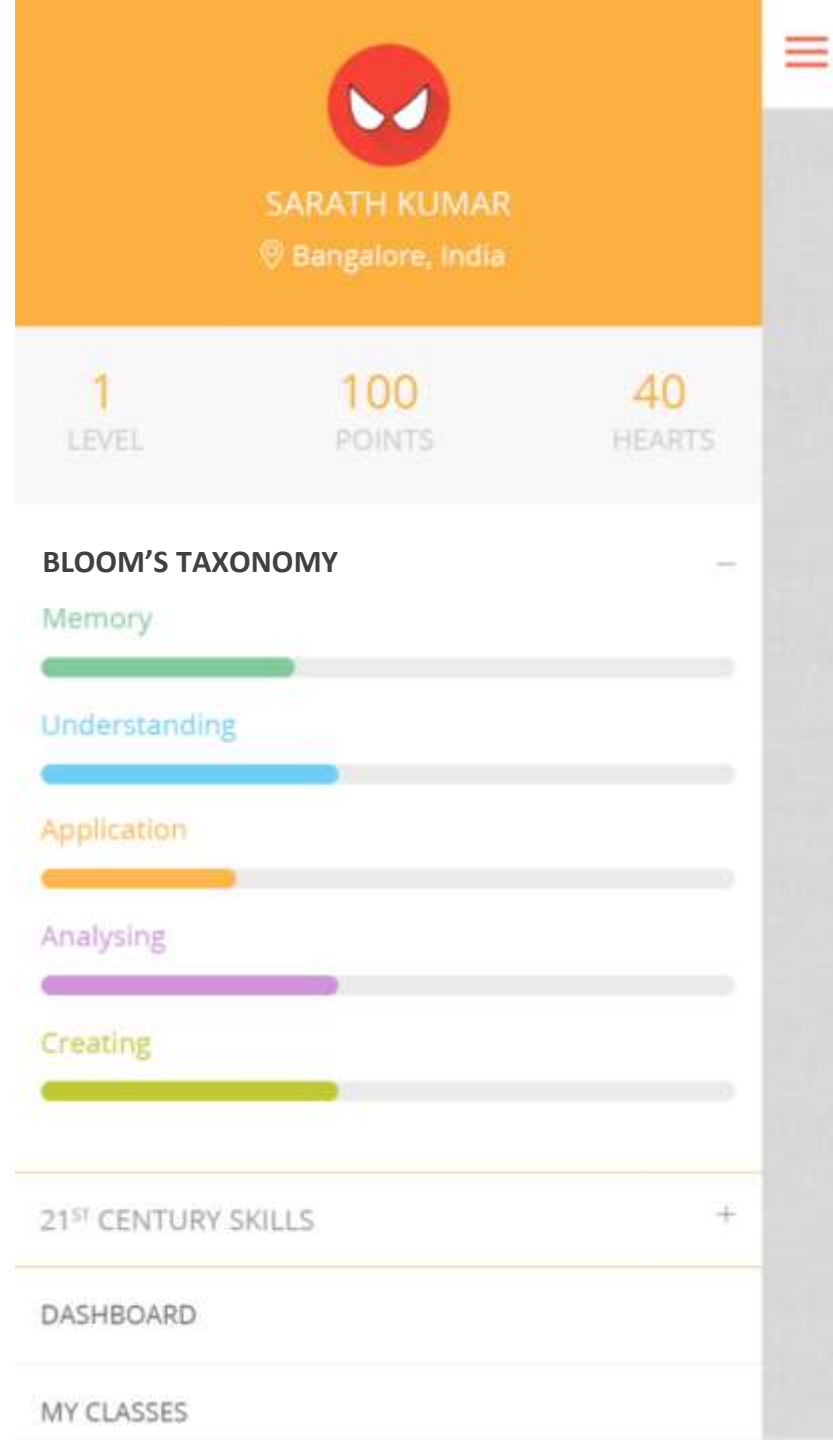
05 Min

28 Jun 2016

40 Min

✓ You taught Living and non living things

7 Periods



LEARN NEW
TECHNIQUES
AND IMPROVE
IN A FUN WAY

5A SCIENCE

TEACHER : AMRUTH

🕒 RECENT: Sources of Water

 30/150

6B MATHEMATICS

TEACHER : SHIVHARI SHANKAR


🕒 RECENT: Circles

 30/150

7C SOCIAL STUDIES

TEACHER : SHIVHARI SHANKAR

🕒 RECENT: Community

 30/150

6C GEOGRAPHY

TEACHER : SARATH KUMAR

🕒 RECENT: Earth

 30/150

8A BIOLOGY

TEACHER : ANURADHA KOYAL


🕒 RECENT: Formation

 30/150

9C HISTORY

TEACHER : AMRUTH

🕒 RECENT: Indian culture

 30/150

10B ENGLISH

TEACHER : AMRUTH

PACK : GRAVITATION

[VIEW ALL PACKS](#)



Buoyancy

Status : Taught



21 oct



Centripetal and Centrifugal Force

Status : Taught



22 oct



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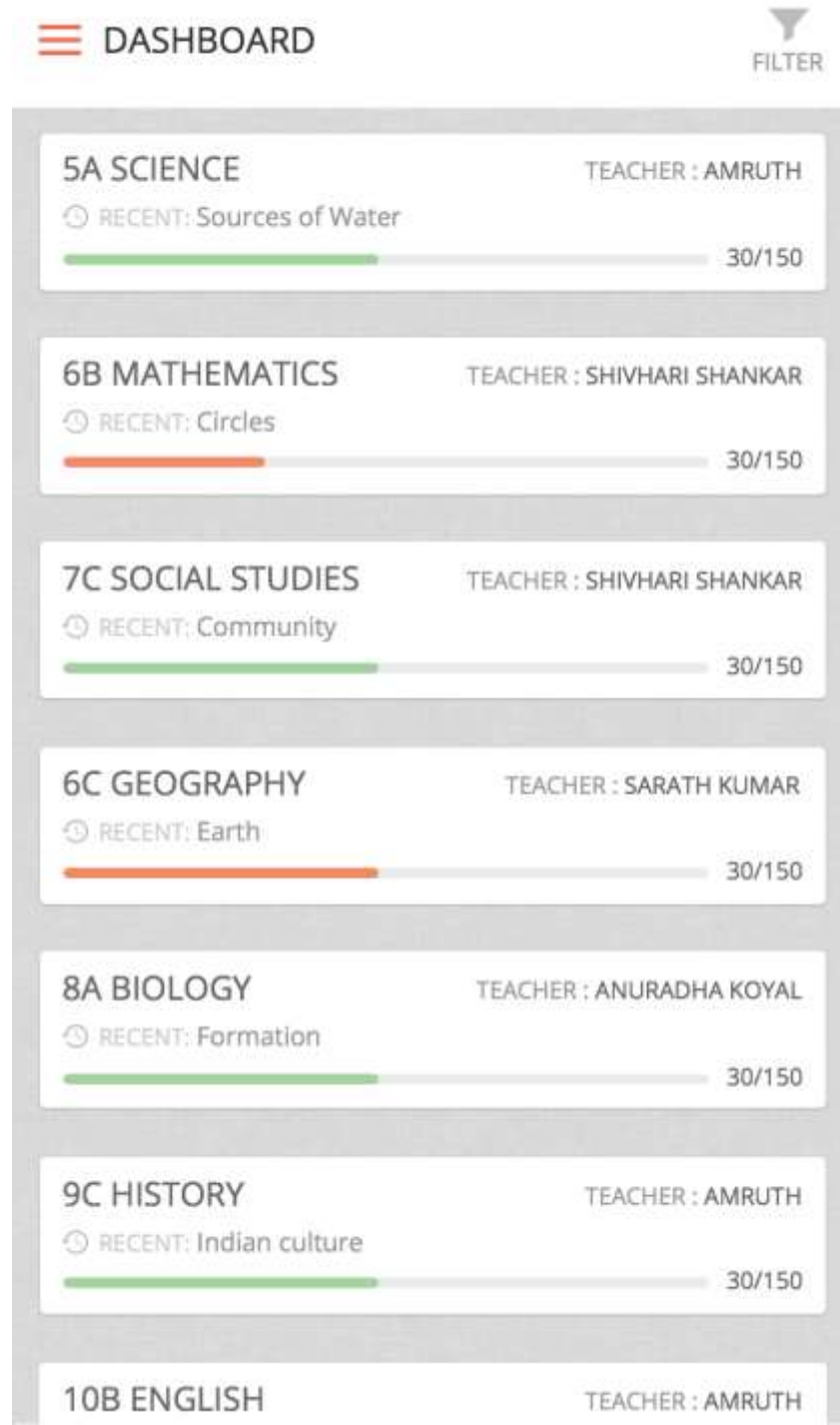
22-



Do you want to see your
entire school's daily
teaching progress on your
smartphone?

Gee will help you save
almost 2 – 3 hours of work
every single day in
managing your teachers
and teaching practices

DASHBOARD:
3 HOURS
OF DAILY
EFFORT
BY THE
PRINCIPAL
REDUCED TO
3 MINUTES



PACK : GRAVITATION

TEACHER : AMRUTH



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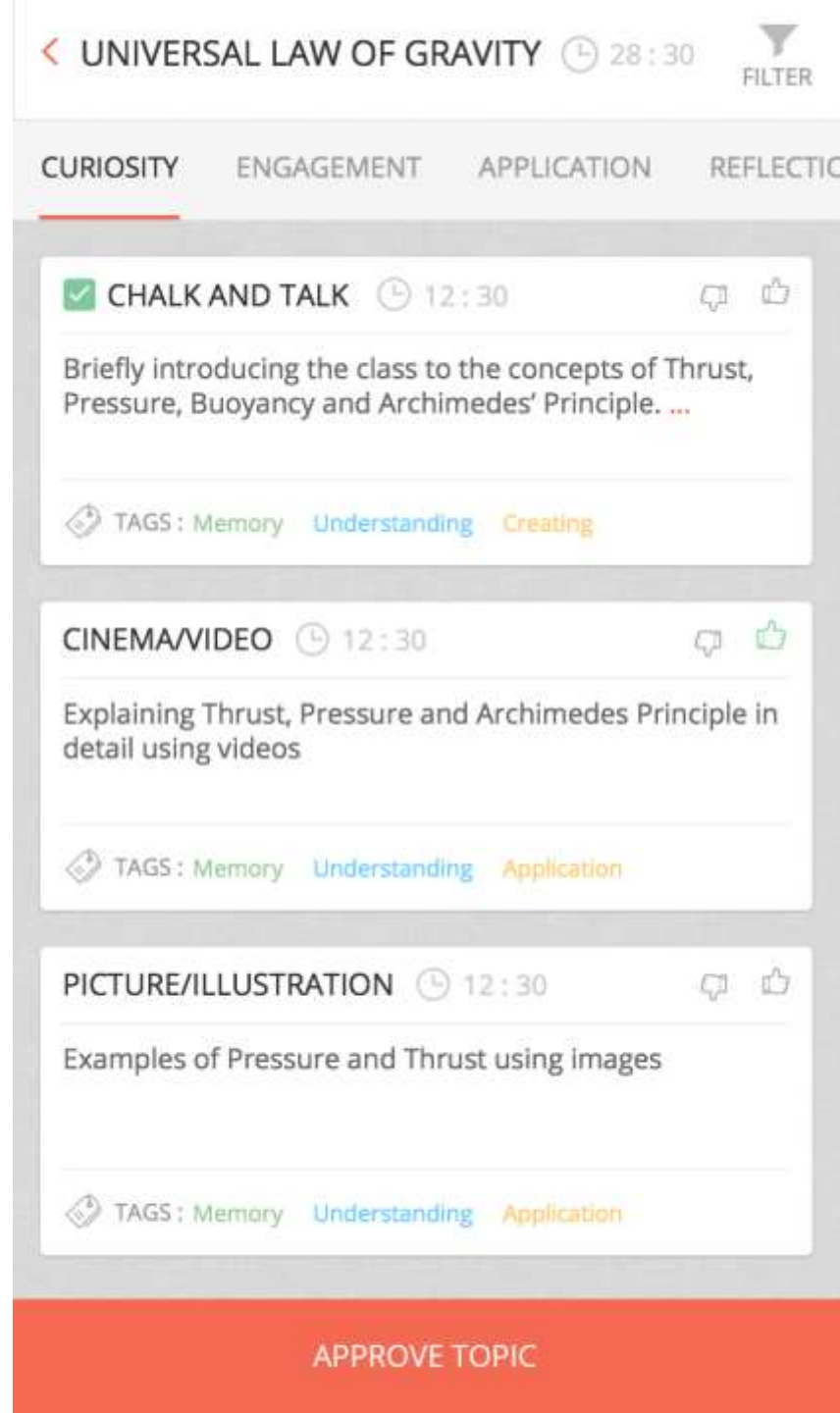


22-



TEACHER LOG:
SEE EACH
TEACHER'S
PROGRESS &
LOGBOOKS IN
A SIMPLE WAY

LESSON PLAN MANAGER: THE SIMPLEST WAY TO MANAGE ALL YOUR TEACHERS' LESSON PLANS





IDEA



MATERIAL



DETAILED



MEDIA



PAUSE

DISCONNECT

LEVEL 2



LEVEL 3

Score: 315/500

What makes objects fall to the ground when dropped?



A. Electromagnetic Force

B. Strong Nuclear Force

C. Gravitational Force

D. Weak Nuclear Force

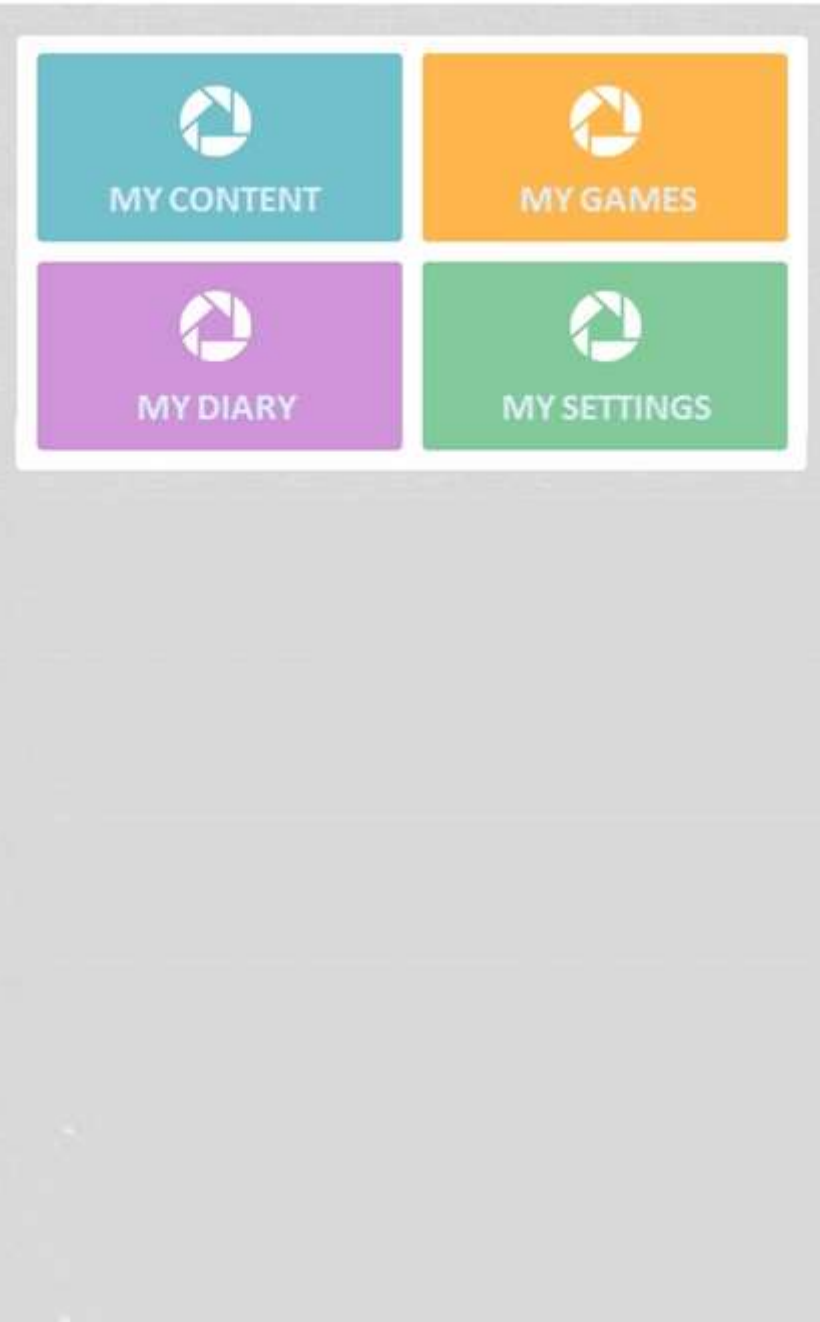
Do you want digital content aligned with what was taught in school for your child's learning?

Do you want access to fun quizzes for your child and know what your child has understood in each class?

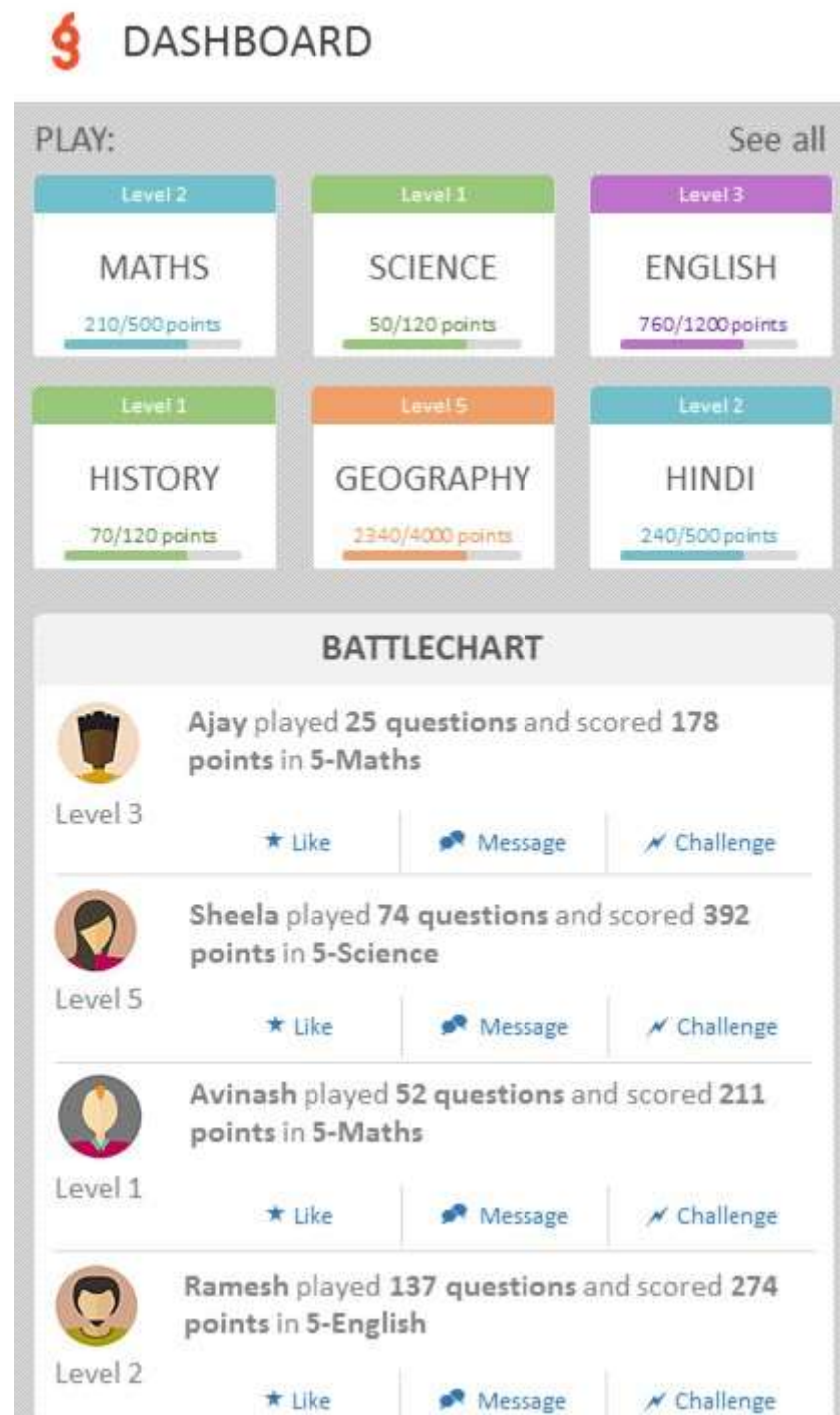
Gee will help you do this in a fun and easy way!

3 FEATURES:

1. Logbooks
2. Content
3. Games/Quizzes



QUIZZES: GAMIFIED QUIZZES BASED ON WHAT WAS TAUGHT IN CLASS



QUIZZES: GAMIFIED QUIZZES BASED ON WHAT WAS TAUGHT IN CLASS



QUIZZES: GAMIFIED QUIZZES BASED ON WHAT WAS TAUGHT IN CLASS





Works without
internet



Works on any
Android device



Multi-lingual
experience

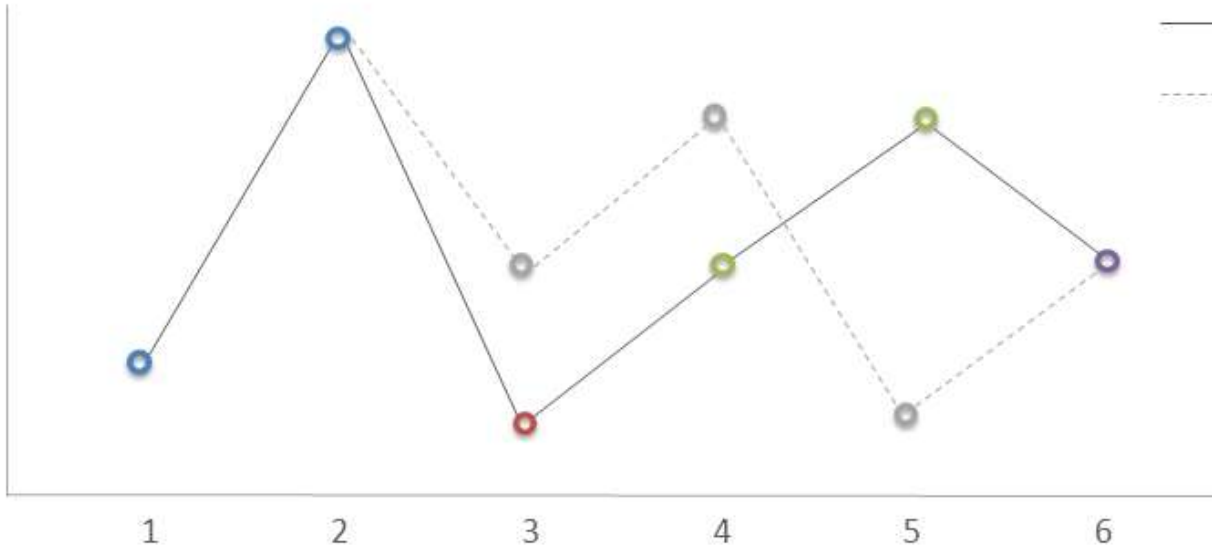


Zen mode
for simple usage

minimum need for support or training



LEARNING PATH : VOLCANOES



- Your Path (**0.2** correlation with student performance)
- - - Best* Path (**0.48** correlation with student performance)

*Current path of best performance within the network

Adaptive teaching & learning: using data from research & classroom practice to continuously predict what is likely to improve student performance

TEACHERS

- **SAVES TIME IN
PREPARING**
- **SAVES EFFORT IN
DOCUMENTING**
- **MAKES EVERYDAY
TEACHING
INTERESTING &
MOTIVATING**

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- **PROVIDES REPORTS ON INNOVATIVE PRACTICES ADOPTED – BY-CLASS, BY-TEACHER**

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STUDENTS

- **DIGITAL CONTENT AT HOME ALIGNED WITH WHAT THE TEACHER TEACHES IN CLASS**
- **FUN ASSESSMENTS TO SEE EXACTLY WHAT THE CHILD UNDERSTOOD IN EACH CLASS**

MILESTONES

Schools



500+ Schools



5000+ Teachers



200,000+ Students



3 Global
Publishers



3 State Government,
India

CSR

6 CSR Engagements

RECOGNITION



unreasonableatsea.

**YOUR
STORY** | INSPIRE
INNOVATE
IGNITE

PROJECT
LITERACY **LAB**
A PARTNERSHIP BETWEEN PEARSON + UNREASONABLE GROUP



#startupindia



WIRED



