



^{SS}**TOPKLAS**
LEARNING BEYOND IMAGINATION

AI and **AR**

Assisted Virtual Lab and
Digital Learning Solution

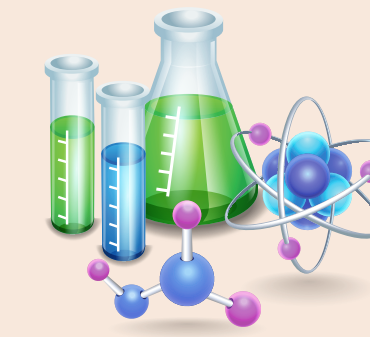
 www.softsource.in

Solution for **+1** and **+2**
Automated Guided Learning

Dynamic Solutions	1	2	Digital Content
Virtual Lab	3	4	2D & 3D Animations
3D Interactivity	5	6	Blue print AI keyword
QMAP NEET / JEE / Annual exam	7	8	Reality Desk



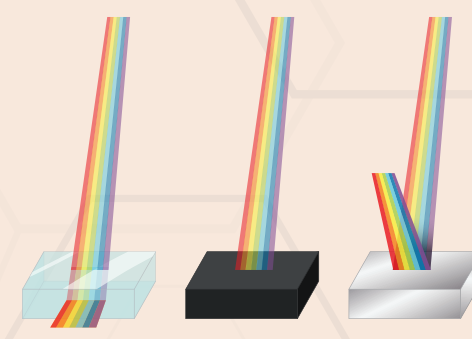
Physics theory



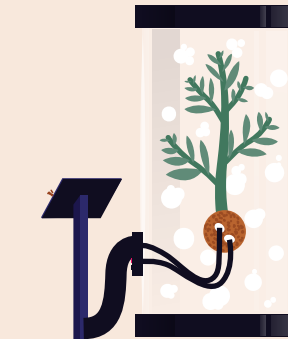
Chemistry theory



Biology theory



Physics virtual lab



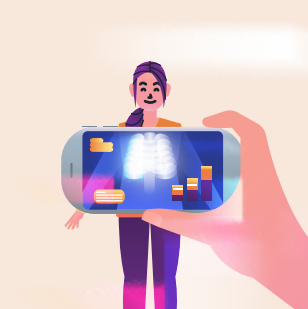
Biology virtual lab



Chemistry virtual lab



Mathematics



Reality desk



QMAP

4.3.5 Resonance Structures
Canonical Structures are described as the no. of structures with similar molecule. The molecule with canonical structure is called the Resonance Structure. They have no equilibrium between them. Resonance averages the bond characteristics of a molecule. The resonance hybrid has lesser energy than the other canonical structures.

Figure 4.6 Resonance in the Ozone (O₃) molecule

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REALITY-DESK

PHYSICS VIRTUAL LAB

Ensure that all the legs are perfectly placed on the watch glass. Then, rotate the Spherometer screw till touches the surface of the watch glass.

CHEMISTRY VIRTUAL LAB

2.2 The Apparatus To Determine The Charge To The Mass Ratio Of Electron

QMAP

Rib Cage

Human body consists of 12 ribs.

Rib cage and Sternum

QMAP

Prove that by using the principle of mathematical induction

Step 1: $P(1) : 1 = \frac{2(1)}{1+1}$

Step 2: Assume that $P(k)$ is true

Step 3:

Automated Guided Learning Solutions For Theory & Laboratory (+1 and +2)

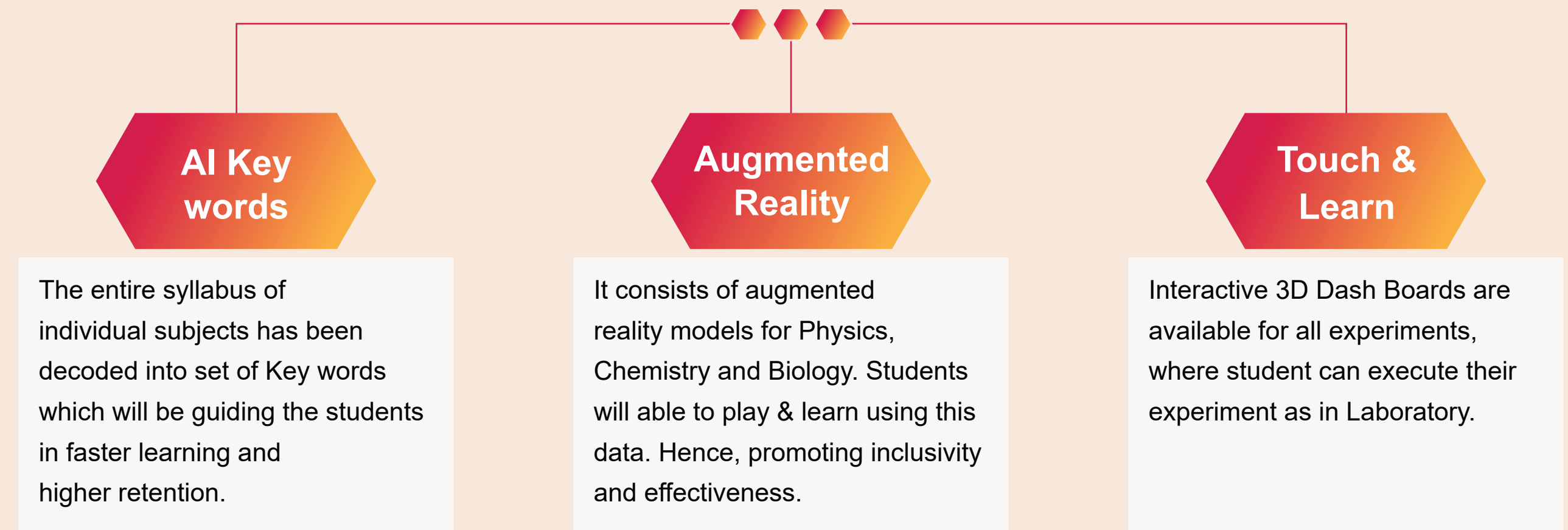
In the last 2 decades, Digital Technologies have entered deeply into the education sector, particularly, K 12 Education. It is common knowledge that digital content is viewed as a Text Book in digital format, Video Lecturing, and other primitive Learning Techniques. The video lectures are very monotonous and boring, thus, achieving very limited success. Hence, we innovated, learner-centric Learning Solutions using Artificial Intelligence (AI), Augmented Reality (AR) and effective purposeful utilization of Touch Screen Technologies with specific objectives:

- ◆ **SS Topklas** is aimed at aiding and enhancing Class Room Teaching and Self-Learning, and will not isolate these core activities of School Education
- ◆ Broad-based solution for all students of the class and supplementing the teaching/learning with effective Technological Aids
- ◆ **SS Topklas** is customized and mapped to the curriculum — Chapter-wise & Topic-wise
- ◆ Scoring Marks and making learners gain fundamentals and retain the knowledge



ssTOPKLAS
DIGITAL PLATFORM
is delivered in different
sizes of **TAB** with or
without **INTERNET**
Requirements.

TECHNOLOGICAL INNOVATIONS



The salient features of our product:

- It is structured in interactive methodologies for the utility in all types of SMART CLASSROOMS and Hand-Held devices
- Mapped Digital Content as required in examinations — both annual & Competitive Exams
- Every concept is detailed using 2D/3D visuals, mostly 3D
- They are explained by real-life examples and creative explanatory methods
- Text Content and Visuals are Linked for effective utilization — provided across the first chapter to the last chapter
- Topic-wise assessment integrated with Digital Content
- Interactive Virtual Lab for Practical — Look & Feel same as Physical Lab
- Students can execute the experiment on their devices using the interactive 3D dashboard

QMAP

A module for NEET/JEE/ Annual Exam Preparation

A Large Data Base of Q&A is built to Learn, Test and Evaluate with following Testing Objectives:

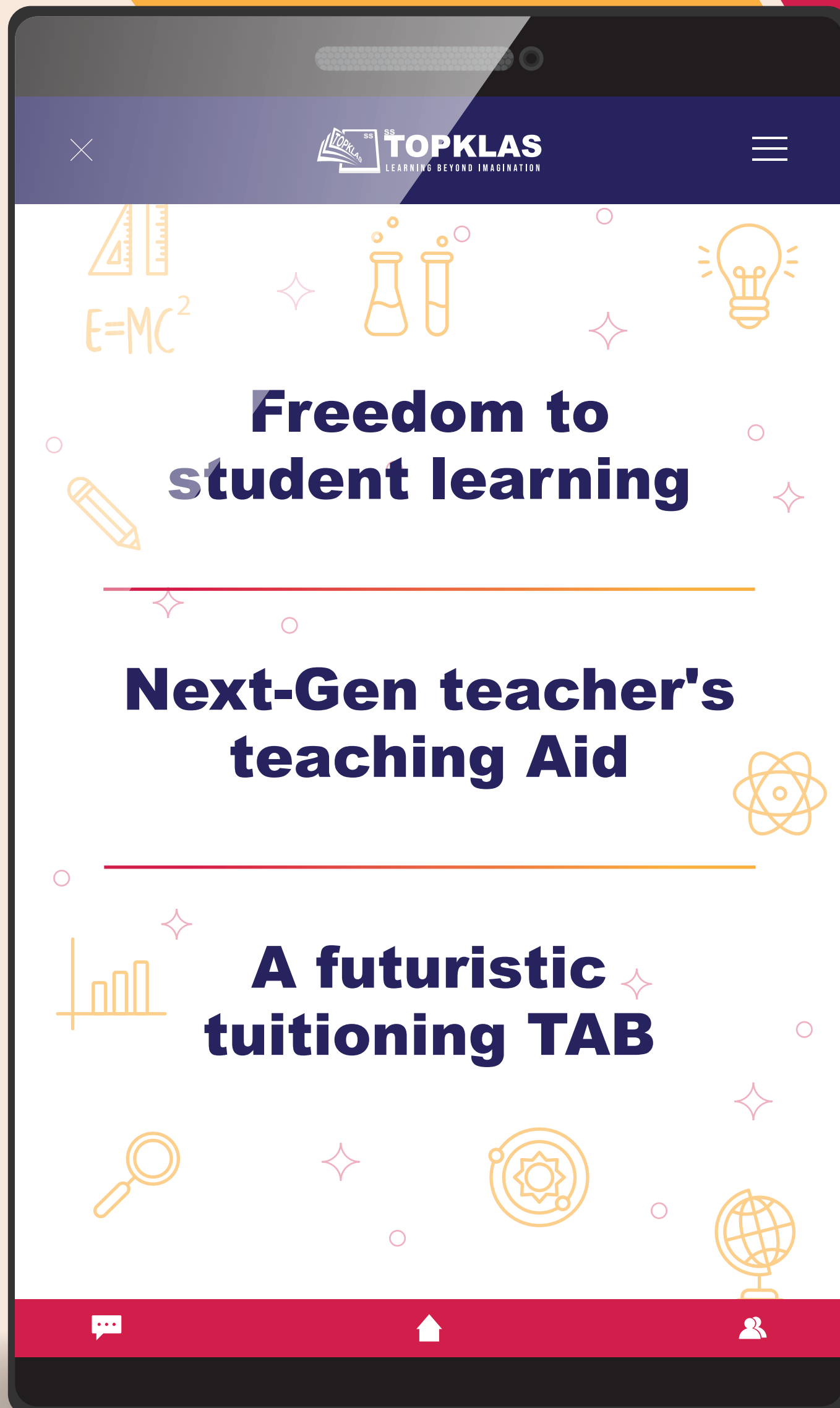
Test Level for Class (+1 Or 2)/Subject-Wise/Unit-Wise

Performances of Individual/Cumulative/Relative

Including Performance Improvement Indicators



Benefits and Advantages



To School

Solution As Per CBSE/State Board Syllabus
Standardised Teaching & Learning across Class Rooms
Effective Utilization of Smart Class Rooms and Laboratories
Equal Opportunity to Every Students



To Teacher

Back to Class Room (No On-line Lecturing)
100% Syllabus Mapped Solution
What is taught in Class Room available at Home
Faster and Repeated Revision of Syllabus



To Student

To Score More – Test yourself again & again
Automated Guided and Engaged Learning
Decoded Dynamic Content
In-depth Interactivity with the Solution



To Parents

Solution for all Exams NEET/JEE/Annual Board Exams
Off-Line Solution – Saving monthly Internet Cost
Focused Learning without any Online Diversion
Balanced Cost and Value for Money

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