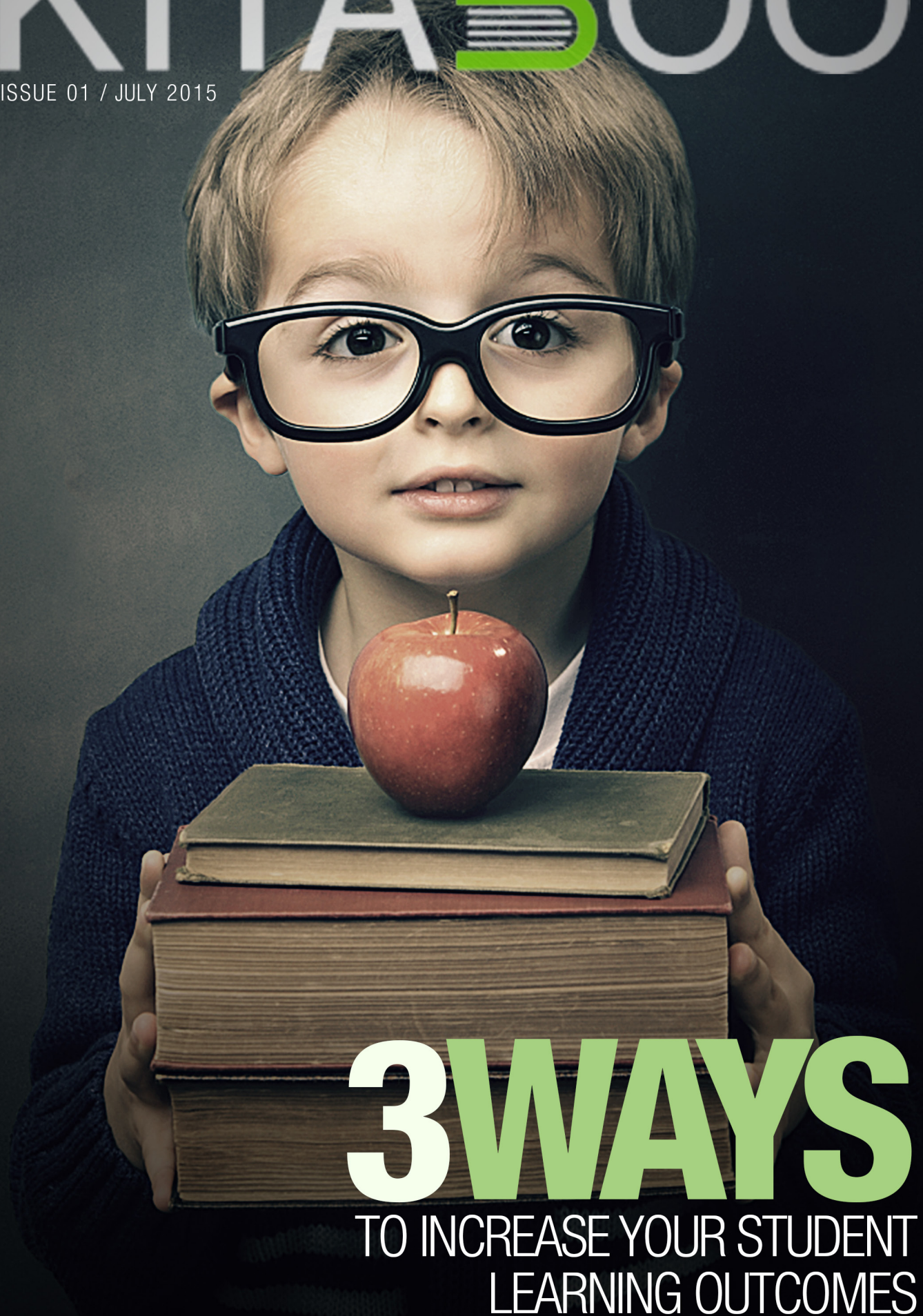


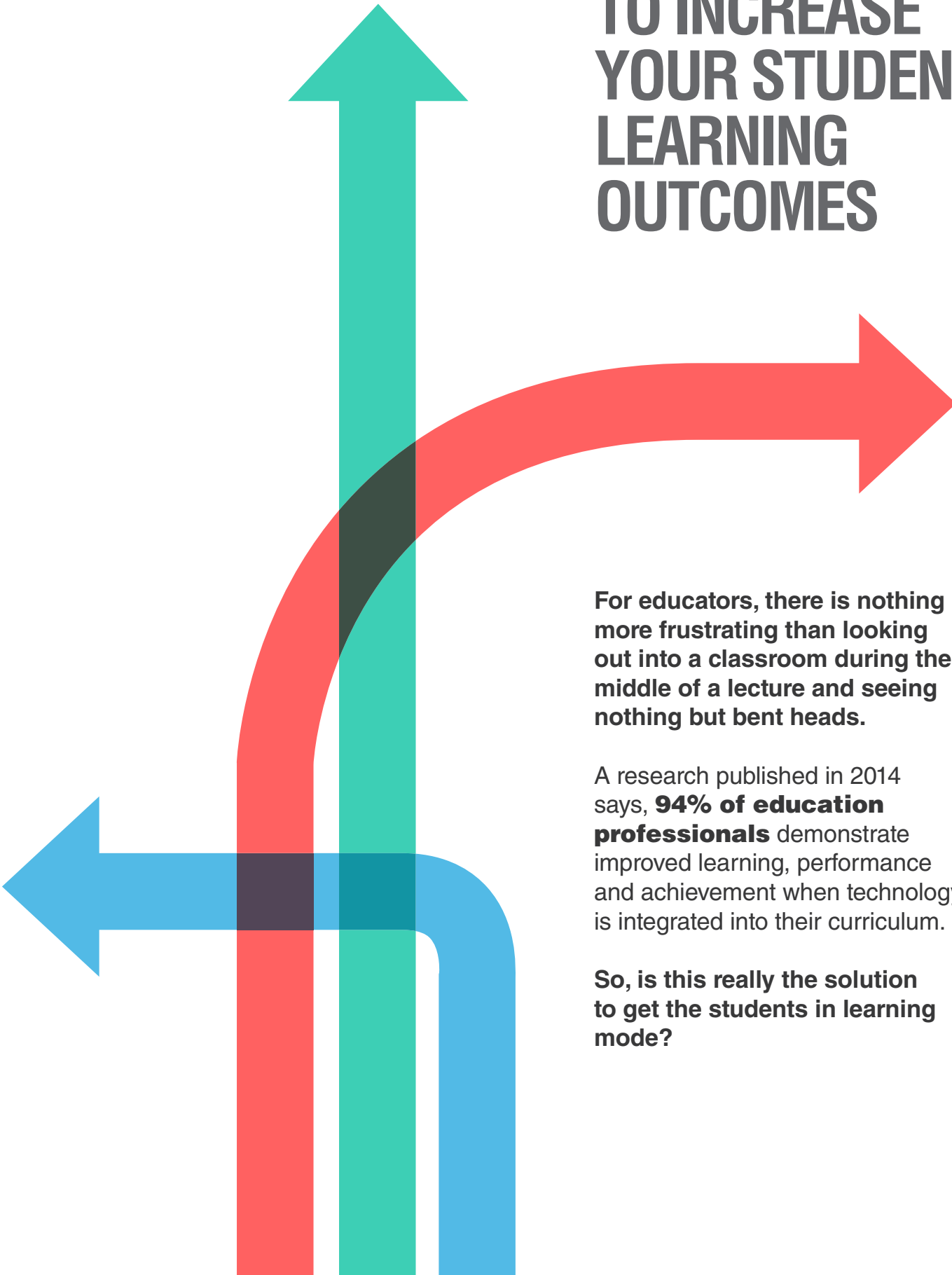
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ISSUE 01 / JULY 2015



3WAYS

TO INCREASE YOUR STUDENT
LEARNING OUTCOMES



3WAYS

TO INCREASE YOUR STUDENT LEARNING OUTCOMES

For educators, there is nothing more frustrating than looking out into a classroom during the middle of a lecture and seeing nothing but bent heads.

A research published in 2014 says, **94% of education professionals** demonstrate improved learning, performance and achievement when technology is integrated into their curriculum.

So, is this really the solution to get the students in learning mode?

HERE ARE 3 WAYS TO INCREASE STUDENT LEARNING OUTCOMES

1

Interactive Learning



It's important for the students to be able to conceptualize whatever information is given to them. This doesn't happen with static textbook content which runs into pages and chapters. Create an atmosphere which makes every student want to study with interactive courseware.

2

Activating Strategy



It is important that the teacher understands when to stop the lecture, because research has proved that the attention span for a K-12 student is their age plus two or three minutes. Show your students relevant videos, make your content interactive. The end goal is that a student should be able to respond to a question or comprehend a topic correctly.

3

Frequent feedback



Giving specific feedback is supportive and helpful in the student's learning process. Providing specific feedback grounded with evidence enables students to make informed decisions on how to refine their work. They also get a clear understanding of where they stand with their teacher, fostering confidence and safety in their learning environment.

TODAY'S GENERATION OF MOBILE LEARNERS - INSIGHTS YOU NEED TO KNOW

Today's technology has the power to break down the barriers and constraints that have long frustrated educators, at the same time equipping students with the new skills that they will need to succeed in the 21st century.

In this new era of education, wherein students expect classrooms to employ the kind of technology that they use in their personal lives, educators look for new ways to improve student outcomes.

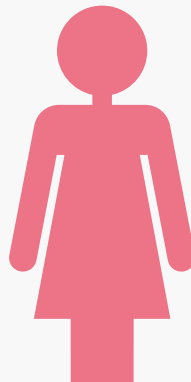
■ HERE ARE SOME FACTS SUPPORTING THIS :

54% of 21st century kids start using mobile devices when they are 5 to 8 years old



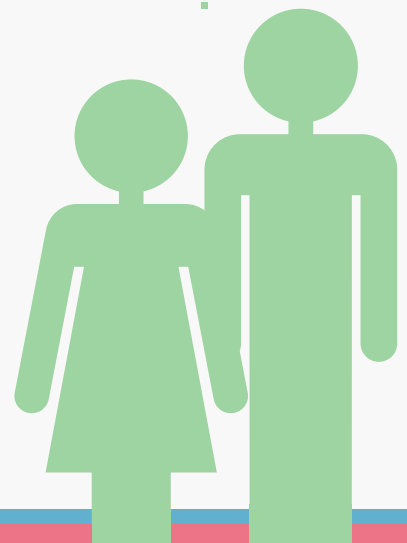
KIDS USE TECHNOLOGY MORE THAN THEY DID BEFORE

74% of teachers say, education technology is a student motivator



TEACHERS SUPPORT EdTECH

77% of parents accept that usage of tablet increases children's learning and creativity



PARENTS SUPPORT THEIR CHILD'S MOBILE USAGE

From these facts we can conclude that technology serves as a catalyst for change in education. Teachers can harness the benefits of technology to dramatically improve student performance and educational outcomes.

Now the real challenge for teachers is they use technology to get their students motivated in the lecture and achieve better learning outcomes.

HOW TO INCREASE YOUR STUDENTS LEARNING OUTCOMES?

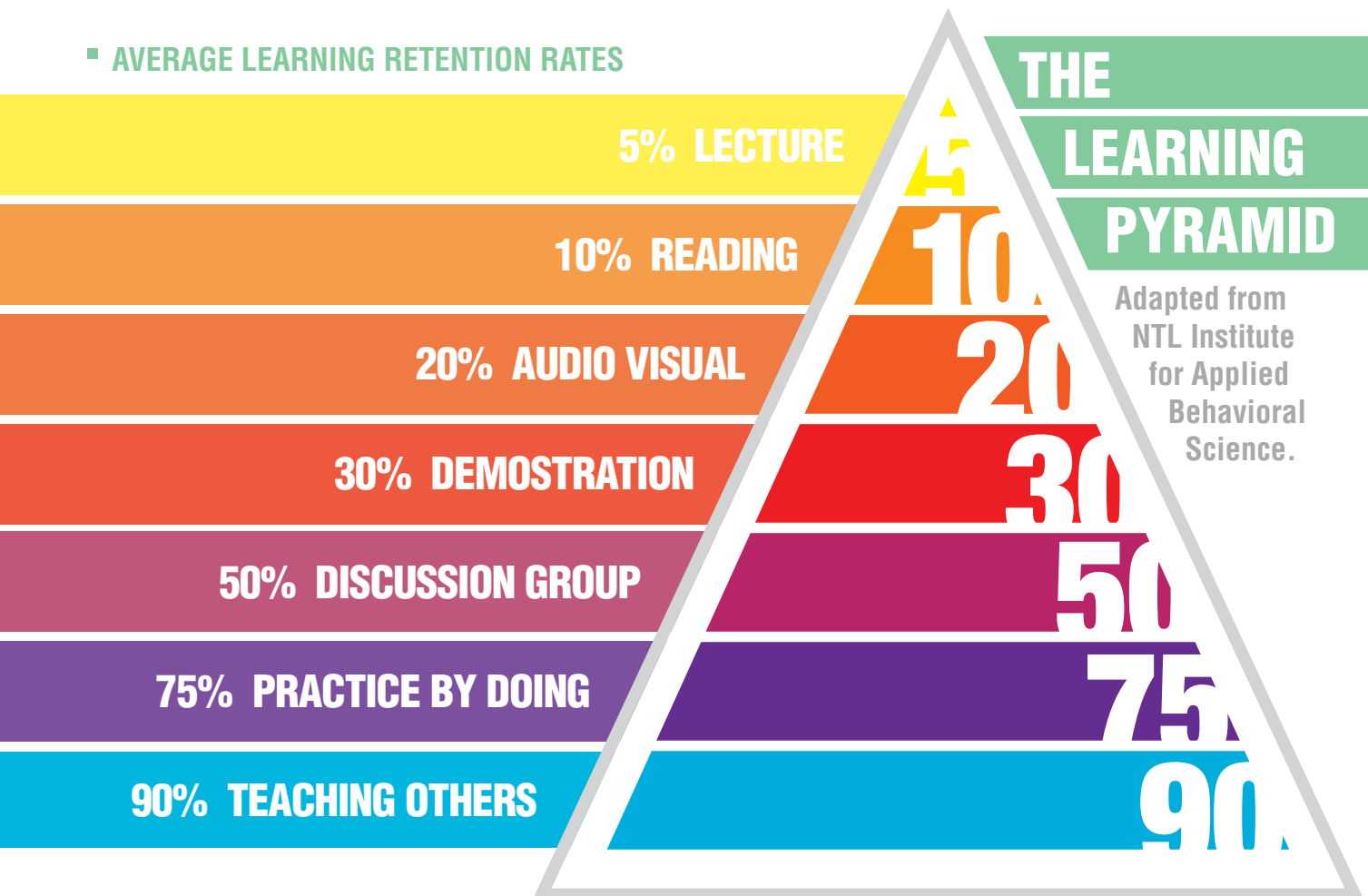
Simple answer to the question is – Make their studies interactive! Today's primary and secondary students have grown up with the Internet, which provides immediate access to a wealth of information and in multiple formats such as video, audio and text.

These students are growing up in an interactive world and they view learning through the lens of interactivity.

Lets look at a research which shows that the upcoming generation should learn through interactive content, teaching by peers and learn themselves.

As the interactivity of the teaching and classroom environment increases, the retention rate of the material by the student increases as well. (Refer the next figure)

■ AVERAGE LEARNING RETENTION RATES



This is a clear signal for educators to incorporate new interactive methods based on the latest technologies into their classrooms and to become a smarter school with next generation technologies in classrooms.

Hence, integrating technology into the classroom environment is critical to enhance learning and elevate student achievement and collaboration, but it doesn't end with the installation of devices and networks on campus.

BENEFITS OF ENABLING TECHNOLOGY IN EDUCATION

Connecting to Learn:

Student Engagement

A growing collection of international research proves that interactive learning promotes Student engagement. Educators can use digital resources while maintaining dynamic interaction with the entire class, provide computer-based learning without isolating students and encourage a higher level of student interaction in both teacher-directed and group-based exchanges. Thus, the promise of technology extends far beyond what students experience in school today. New technologies can help achieve both scale and personalisation in learning. Not only students have access to best content and instruction but students can expect more frequent feedback from the teachers.

Getting Focused:

Motivation

Motivation in the context of the classroom is measured by a student's drive to participate in the learning process. Getting students to remain task-focused is difficult in an age where young people are inundated with technologies, such as smartphones, tablets etc. However, interactive courseware brings true excitement to the classroom and motivate students to attend the classes. Research and educators have noted that students in the technology enhanced classrooms reported more enthusiasm and interest in the course than did the students in traditional classrooms.



BENEFITS OF ENABLING TECHNOLOGY IN EDUCATION

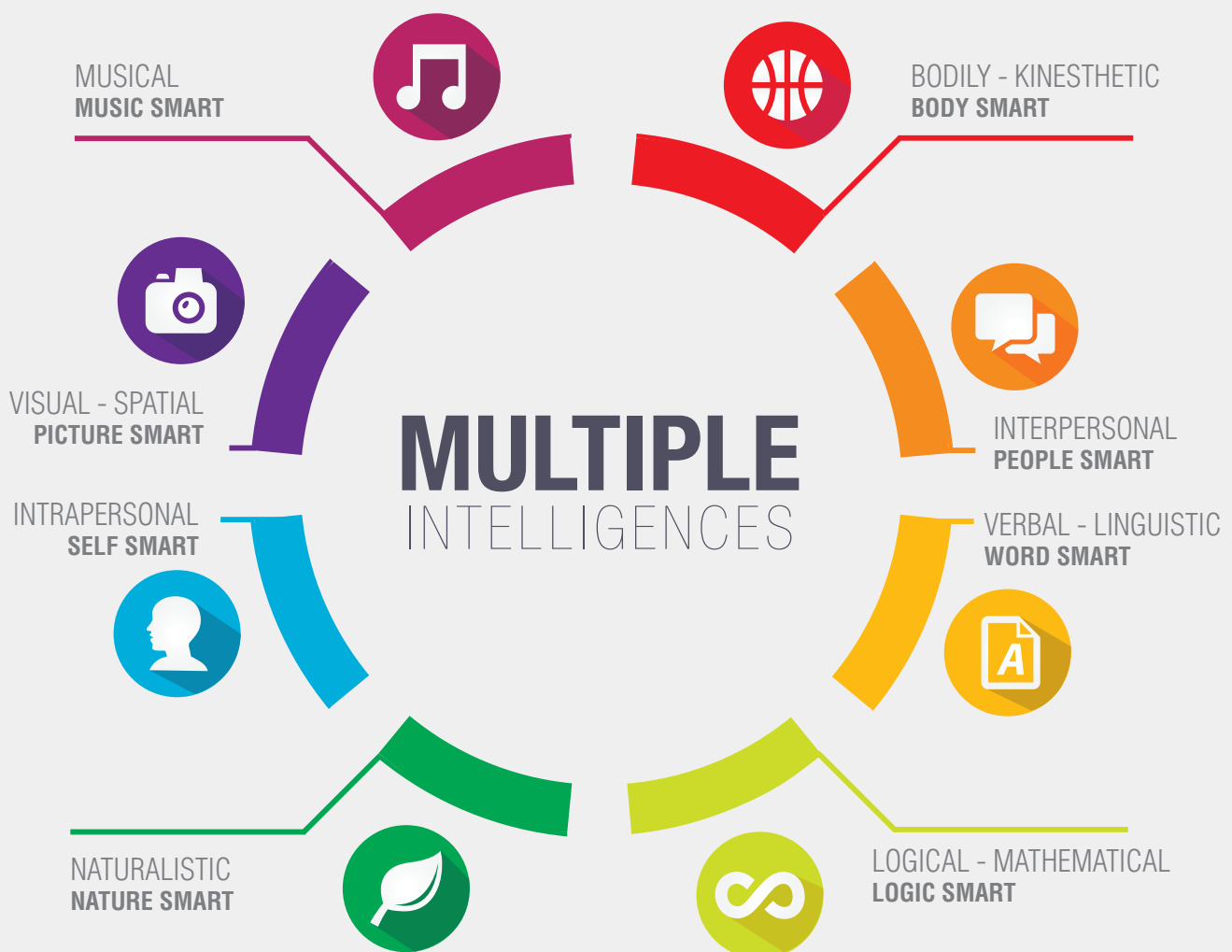
Reaching Out:

Learning Styles and Special Needs

Educators continuously strive to develop strategies and tools that will reach students with unique or diverse learning needs. Everyone has a unique learning style. Students gain strong benefits when

their teachers recognize their strengths and weaknesses as learners. Howard Gardner, a psychologist and professor of neuroscience at Harvard, developed one theory in 1983. Gardner defines “intelligence” not as an IQ but, rather, as the skills that enable anyone to gain new knowledge and solve problems.

Gardner proposed that there are several different types of intelligences, or learning styles.



Verbal-Linguistic (Word Smart)

People who possess this learning style learn best through reading, writing, listening, and speaking.

Verbal students absorb information by engaging with reading materials and by discussing and debating ideas.



Logical-Mathematical (Logic Smart)

Those who exhibit this type of intelligence learn by classifying, categorizing, and thinking

abstractly about patterns, relationships, and numbers.

BENEFITS OF ENABLING TECHNOLOGY IN EDUCATION



Visual-Spatial (Picture Smart)

These people learn best by drawing or visualizing things using the mind's eye. Visual people learn the most from pictures, diagrams, and other visual aids.



Auditory-Musical (Music Smart)

Students who are music smart learn using rhythm or melody, especially by singing or listening to music.



Bodily-Kinesthetic (Body Smart)

Body-smart individuals learn best through touch and movement. These people are best at processing information through the body. Sometimes kinesthetic learners work best standing up and moving rather than sitting still.



Interpersonal (People Smart)

Those who are people smart learn through relating to others by sharing, comparing, and cooperating. Interpersonal learners can make excellent group leaders and team players.



Intrapersonal (Self Smart)

Intrapersonal-intelligent people learn best by working alone and setting individual goals. Intrapersonal learners are not necessarily shy; they are independent and organized.



Naturalistic (Nature Smart)

Naturalistic learn by working with nature. Naturalistic students enjoy learning about living things and natural events. They may excel in the sciences and be very passionate about environmental issues.

Research shows us that each learning style uses different parts of the brain. By involving more of the brain during learning, we remember more of what we learn. Interactive courseware allows teachers to learn about their student's behavioral pattern. It also provides valuable insights about what type of dynamic content is working best. So now the user behavior provides the path how the future content is going to be shaped like.

Getting Ready:

Teacher Preparation

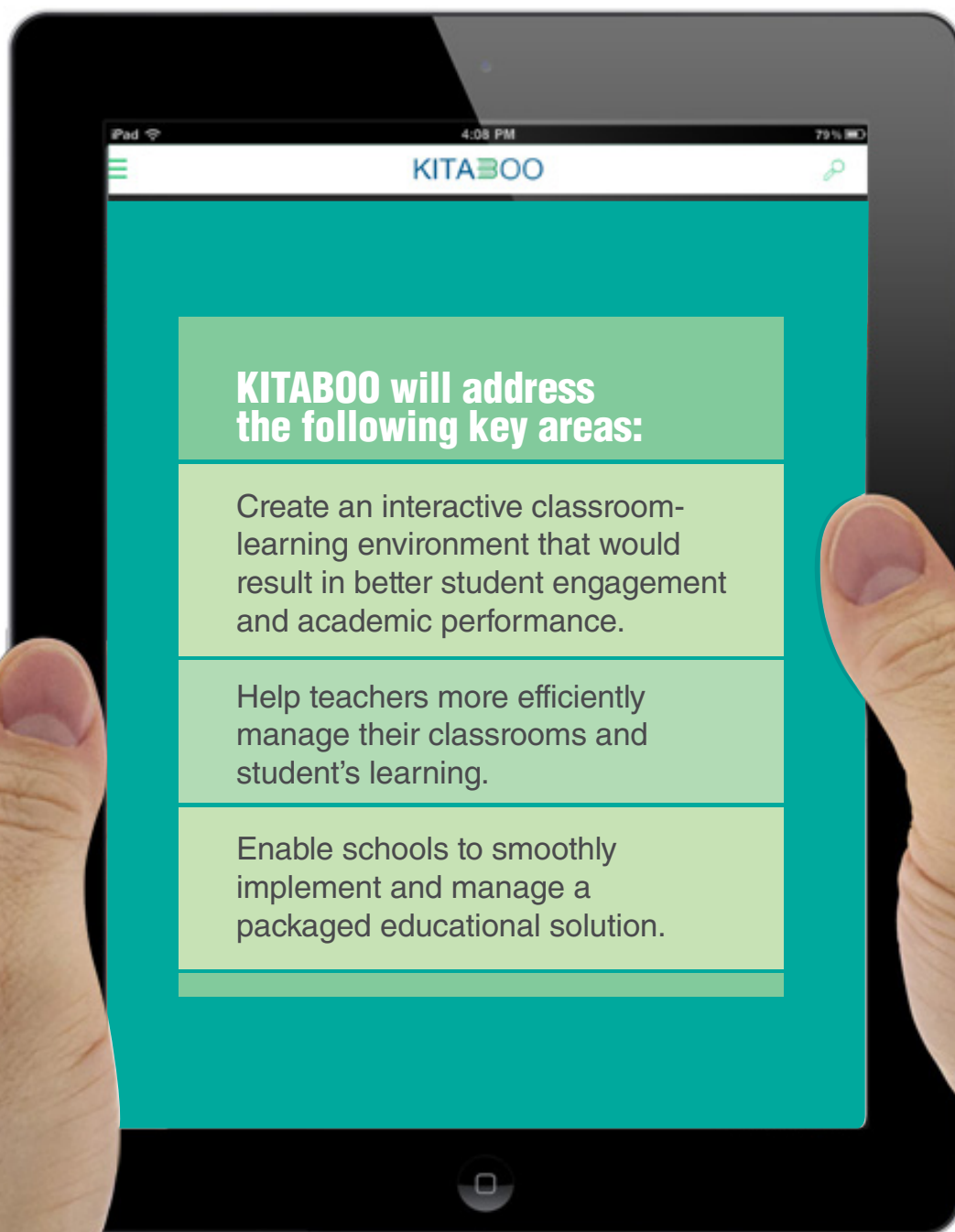
Innovation is sweeping the world of education. Therefore, efficient use of technology by educators is very important for achieving good student learning outcomes in the 21st-century classroom. Implementing a digital-friendly is the key.

The education technology integrated in the classroom should mesh seamlessly with the rest of the curriculum and help streamline lesson preparation, thereby increasing teacher productivity.

LET'S SEE HOW KITABOO HELPS YOU TAKE CONTROL OF THE CLASSROOM...

KITABOO – A key to creating a smart interactive classroom.

With **KITABOO**, a digital eBook Solution, teachers can maintain an engaging experience while monitoring student activity—creating a more efficient learning environment.



IMPROVE STUDENT LEARNING OUTCOMES WITH KITABOO:

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Converting textbooks to rich interactive digital eBooks for iPad, Android, and PC/Mac, **KITABOO** will add contextual enrichments and make the subject matter come alive for students, which will help in retention and comprehension. The books will be enriched with high resolution images, adding audio and video notes by teachers on specific portions, which would help in distraction-free learning experience for the student.

Student and teacher collaboration

Students will be able to share notes and highlights with other students in their class, with study groups and with the teacher (in the form of clarifications). Similarly, teacher can also share annotations with specific students, groups or the entire class. Their communication will also be available at a single annotation (e.g. sticky level) level in the form of a conversation thread. Teachers will have access to an “Inbox” that will show a consolidated view of student shared data.

Teacher enablement with analytics

With **KITABOO**'s strong analytical engine will help you analyze and record the student movement on the book, page-by-page. The teacher will now know how much the student has read, how much time has been spent on each page and what activities have been performed on the page. Detailed eBook analytics allow teachers to gain a quick snapshot of student engagement ahead of time, enabling them to plan for influential group discussions and problem solving exercises.



Key Features and Functions of the **KITABOO** Reader App.

KITABOO® Reader Apps renders the book packages on end user devices/ machines. Institutions can have their own branded Reader App with rich set of features available across platforms.

KITABOO® Reader Apps are available in multiple formats and platforms with support for both Online/Offline.

Best-in-class features including text highlighting, audio highlighting, interactive notes, note sharing, student/ teacher modes, audio/video capabilities and lightning fast page rendering.



CONCLUSION

Technology is leading to a revolution in the way we learn. Teachers can now reach the full classroom through digital screens, enabling each child to get the same base content. And each student gets exposure to world-class education, something that was just not available in a chalk and talk approach.

Indeed, educational technological inputs have changed the face and contours of modern 21stCentury teaching and learning and improved and modernized it from dreary, monologue lecture sessions to exciting, interactive and compelling education enhanced by the use of modern learning aids.

Students learn in different ways. Therefore, in order to engage the students and improve learning outcomes, creating an interactive learning environment is the best solution to:

Attract their attention

Engage them

Increase their retention rate

Make them perform better

The current face of dreary, monologue lecture sessions have to convert to exciting, interactive and compelling education enhanced by the use of modern learning aids.