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NEWSLETTER

1st
Edition

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Resilience**

**Esports
Gaming**

**Edtech
Trends**

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From the Directors' Desk



Dear Reader,

Welcome to the Entab community!

I am pleased to introduce you to the first-ever issue of the CampusCare Newsletter. The new academic year is about to commence. So as the world's largest school-going population of 250 million children gets ready, we bring an insightful and useful ready reckoner for both educators and parents.

In the year 2000, our company Entab was established with a vision to bring automation to schools. We brought on board various eminent think tanks of the education fraternity and devised advanced and robust school ERP management solutions. Since then, it has been a successful two decade journey of enhancing the reputation of the schools, setting our own benchmark and improving the quality of the education system.

So far, Entab's School ERP Management Software and Mobile Apps have connected 1.2 million students and 2.5 million parents to schools, bringing all the stakeholders – Management, Principals, Teachers, and Parents – on the same platform and filling gaps in learning and teaching. With 19 years of trust and experience, our flagship product CampusCare has kept up with the changes demanded by the time, technology, devices, and users, and continues to be numero uno in the school ERP domain.

We assure you to bring innovation along with quality, reliability, and dependability. On behalf of the Entab family, I would like to sincerely thank you for your continued support and loyalty.

Wish you and your loved ones a very happy 2019!

With best wishes,

Shaji Thomas

Chairman



Dear Reader,

It gives me immense pleasure to bring you the first edition of the CampusCare Newsletter. I would like to take this opportunity to introduce you to Entab. It has been more than two decades when the idea of automation in schools came into my subconscious and since then, it has been one exciting journey of continuous hard work, dedication, struggles and an endless pursuit to achieve perfection.

My core belief lies in the policy of "Give More Than We Get" and I have inculcated the same in each and every member of the Entab family. Quality, Reliability and Dependability are not mere words for us, but it is the path we have always followed, and after 19 years with almost 1,300 schools, we can proudly say we are 'India's Most Preferred School Erp Solutions provider'.

We have changed the dynamics of the K-12 Edutech Industry and set the benchmark by providing the right solutions with regular updates at a moderate and comfortable rate by increasing the volume of clients. With the same vision for our future, we look forward to seeing that all our clients are promoted to our strategic partners.

We at Entab work dedicatedly and tirelessly towards fulfilling the goals and aspirations of all the schools that are associated with us.

With this thought in mind, I would like to wish you all a very happy 2019-20 academic session!

With best wishes,

Lawrence Zacharias

Managing Director

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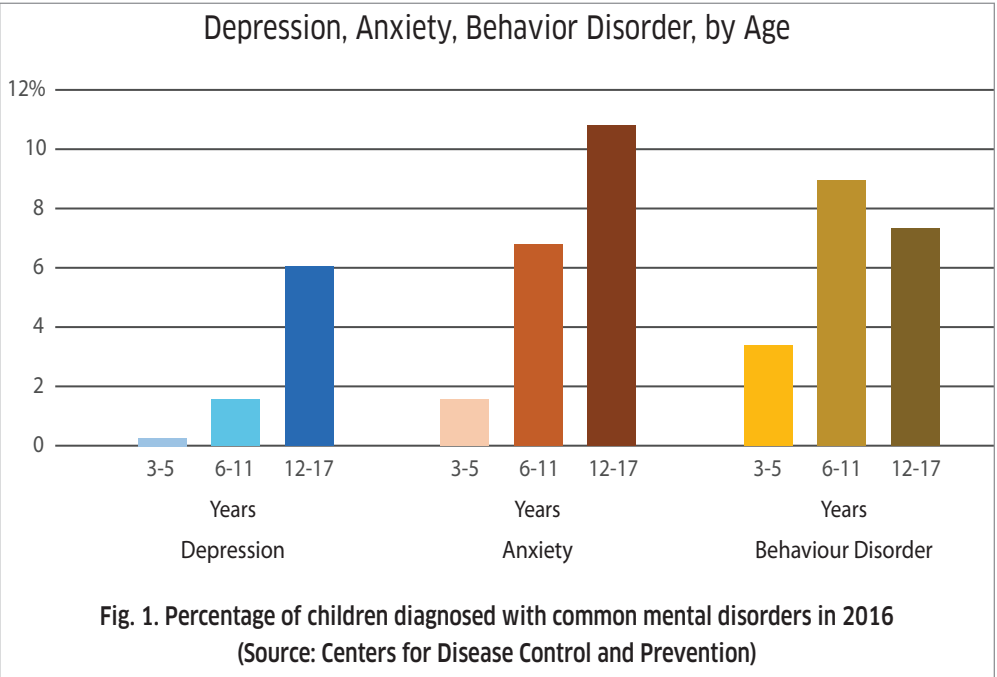
PR & ADVERTISING
Rajiv Bahl

TIPS TO BUILD STUDENT RESILIENCE



Over the years, there has been a significant surge in stress, anxiety, and depression among school students. Children are diagnosed with mental disorders including attention-deficit/hyperactivity disorder (ADHD), anxiety, and behaviour disorders at an early age (see figure 1). This is attributed to various reasons –an intense pressure to excel at academics, unrealistic expectations thrust by social media, body shaming, peer pressure, cyberbullying, among others.

Children with higher resilience are better equipped to learn from failure and are less likely to suffer from social or psychological health problems. Also, such kids tend to have leadership qualities and thus, excel in becoming leading entrepreneurs in the 21st century. Since kids spend a massive amount of time at schools, these academic institutions play a pivotal role in fostering positive development. For an educator, the goal should be to help students build resilience and self-awareness to cope with the stressors they experience.



HOW TO RAISE RESILIENT STUDENTS

- Let kids make mistakes.
- Don't accommodate their every need.
- Teach them to solve problems.
- Help them manage their emotions.
- Listen to their problems and be empathetic.

“Educationists should build the capacities of the spirit of inquiry, creativity, entrepreneurial and moral leadership among students and become their role model.”

- Dr. A.P.J. Abdul Kalam



FIVE EFFECTIVE WAYS TO CULTIVATE RESILIENCE

1. ENCOURAGE SELF-REFLECTION THROUGH SMALL-GROUP DISCUSSIONS AND LITERARY ESSAYS.



Self-reflection is like looking into the mirror and analysing one’s actions and behaviour. For young children, self-reflection facilitates learning from mistakes, handling criticism, and understanding others’ feelings. Some children are innately very reflective whereas others need more explicit teaching and scaffolding strategies to develop an ability to reflect.

STUDENT ACTIVITY 1

For children, short stories and small-group discussion exercises that feature heroic literary characters are the perfect way to reflect on resilience and its significance in life. After students have read a book or heard a story, encourage them to contemplate by answering the following questions:

- Who was the hero in the narrative? Why?
- What obstacle(s) did the hero come across? How did he/she overcome that?
- Was there any other way he/she could have dealt with the situation?
- Do you use the same personal strengths in your life? Can you share some instances?
- What strengths did the hero possess?
- What choices did they have to make?
- What did the hero learn?



2. PROMOTE INTROSPECTION THROUGH PERSONAL ESSAYS.

Teaching students to identify stressors – the things that stress, upset, and sadden them – is essential.

STUDENT ACTIVITY 2

Make them write personal essays on the following topics with examples:

- I feel stressed when...
- I feel upset when...
- I feel sad when...

Later, students can discuss stressors amongst themselves, resulting in a community of trust where they feel safe and judgment-free.

3. HELP STUDENTS LEARN FROM FAILURES.

A topic close to every teacher's heart: How do I teach students failure is not the end and how to address parent expectations of making them a shining star?



Failure should be seen as an opportunity to learn as learning from failure plays an indispensable role in becoming a resilient young person. Educators should work on:

- Nurturing a classroom culture where setbacks are part and parcel of learning.
- Creating an environment where students are commended for their diligence and virtue, not just for academic excellence.
- Holding students responsible for their work so they feel ownership.
- Enlightening parents on supporting their children through hardships.

RISK FACTORS		PREVENTIVE MEASURES
• Low grades		• Sense of belongingness
• Bullying		• Supportive school atmosphere
• Social media pressure		• Flourishing peer relationships
• Alienation or peer rejection		• Feeling contributory
• Detachment from school		• Recognition of achievement
• Absenteeism or bunking		• School norms against violence
• School transition		• Engagement in learning
• Family/parent disengagement		• Positive behaviour management
• Member of a transgressive peer group		• Healthy teacher-student relationships



4. BRAINSTORM WAYS TO RESPOND TO STRESSORS.

Introduce the idea of coping skills which are essentially how a person learns to deal with stressful situations. Once children recognise their stressors and sentiments, it is imperative that they know how to channel their feelings.

STUDENT ACTIVITY 3

Conduct an activity wherein students describe their reactions in terms of how helpful they were to them in the situation. Ask them to ponder over:

- My reaction to feeling stressed
- My reaction to feeling upset
- My reaction to feeling sad

STUDENT ACTIVITY 4

Give them some time to critically think about their reactions and then let them share the following verbally with each other:

- Do your reactions to feeling stressed, upset or sad make you feel better?
- Are there any better reactions/solutions to the situation?
- Are there any better reactions/solutions to the situation?
- If someone else reacted the same way, how would you rate them on a scale of 1 to 10? (1 being the worst and 5 being the best)



5. BUILD GOOD STUDENT-TEACHER RELATIONSHIPS.

Form supportive relationships with students wherein they feel seen and heard by teachers. This can be achieved when teachers are receptive to students’ academic as well as emotional needs. Such relationships cultivate resilience. When adults

look back on teachers who changed their lives, they cherish the teachers who motivated them and were towers of strength through hardships.

HOW TO BUILD EVERLASTING BOND WITH STUDENTS

STUDENTS SAY THEY LIKE IT WHEN TEACHERS:

- | | |
|---------------------------|---|
| • Treat them with respect | • Greet with a smile |
| • Notice their efforts | • Interact when they no longer teach them |
| • Motivate them | • Know their names |
| • Let them make mistakes | • Celebrate with them |




In this digital age, children are surrounded by gizmos and gadgets. It is well known that they become more involved in the subject when technology is integrated into lessons. Educators have acknowledged that it is best to bring these new age tools to right use. This is where education technology, popularly known as EdTech, comes into play. EdTech entails employing digital technology to facilitate the process of learning. Learning lessons from textbooks is soon going to be the thing of the past. From using the computers for explaining the concepts of physics to the submission of assignments online, the education world has wholeheartedly espoused technology to enhance the learning experience. On that note, let’s have a look at EdTech trends for 2019 which will reshape the education landscape.

SMARTPHONES

Many schools have adopted smartphones as a critical facilitator of learning in their institutes.

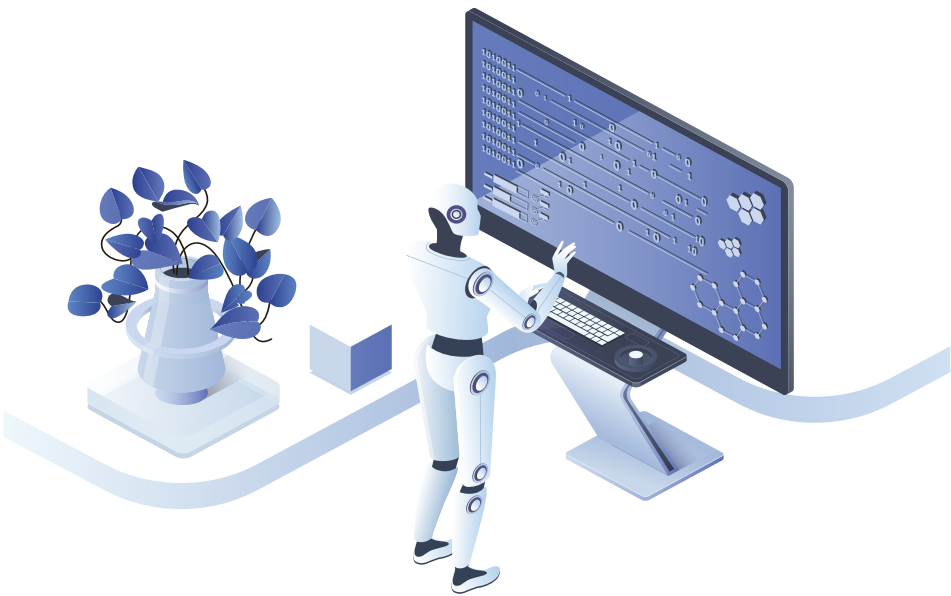
Entab’s CampusCare school management mobile app - presently being used by more than 1,300 elite schools - brings educators, parents and students on a single platform, allowing a healthy, detailed and timely communication among them.



In this day and age, smartphones come with touch, feel, sound, light sensors, gyroscope, accelerometers and a whole lot more capabilities. When these capabilities will be put to use, they will become a real and handy way of experiential learning.

Machine learning, an application of artificial intelligence (AI) that uses statistical techniques, allows a system to learn and progressively improve performance without being explicitly programmed.

Early on, educators relied on report cards to learn about a student’s performance which was tedious and unproductive. The time has changed. Using new-age software equipped with machine learning such as the advanced Entab’s CampusCare, teachers can access all of their students’ data in one place. The software automatically learns and identifies where batches of students are struggling and gives educators a deeper understanding of students’ problem areas. This helps them instruct students in new ways and take care of their unique needs.



AR AND VR

Augmented reality (AR) is the integration of digital elements and the user’s environment in real time usually by using a camera or a smartphone. It can be put to use for explaining a topic of interest as well as providing additional information to students. On the other hand, VR creates an entirely artificial environment. With it, you can swim with jellyfish and sea anemones in the middle of the coral reef.

Breaking the shackles of space and time, augmented reality (AR) and virtual reality (VR) have already proved their mettle in the fields of gaming and entertainment. Educators inferred that similar techniques can exhort students to explore their surroundings and will boost their visual literacy, problem-solving skills as well as metacognition. With the use of AR and VR, grasping of crucial concepts in subjects like science and math will be significantly easier and firmer. In 2019, we can see them becoming an essential part of classroom teaching, providing engaging content for students.

The success of Pokemon Go, 2016’s most downloaded iPhone app, made educators worldwide realise the potential of AR technologies in education.

An illustration within a circular frame showing two men in business suits interacting with a large, purple, cartoonish Pokemon-like creature. One man has a question mark above his head, and the other has an exclamation mark. The creature is standing on a small platform.

With Google Cardboard, the dream of having Virtual Reality in classrooms is very likely to become a reality in 2019.



Microsoft’s new affordable Mixed Reality (an AR-VR hybrid) headsets with body-motion sensors make it easier to deploy AR and VR in schools.



BIG DATA

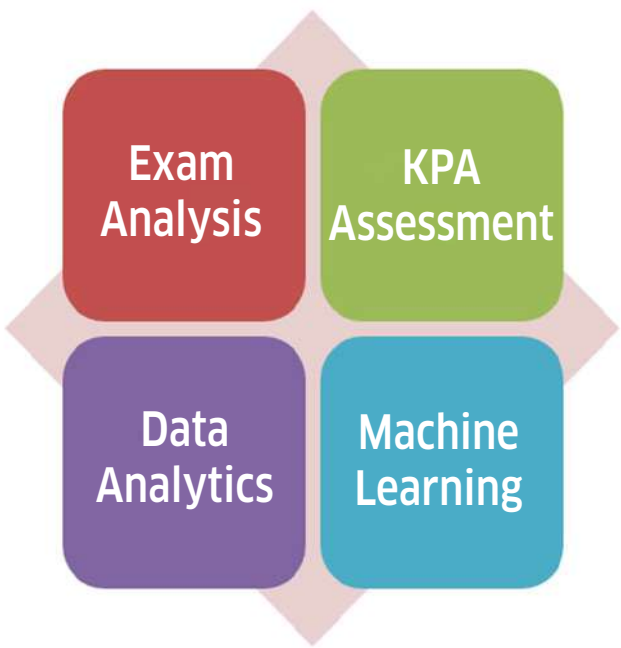
Educational data are generated within and beyond the classroom premises - student data such as demographics and academic performance, faculty data such as core competencies and teaching experience as well as the data generated during teaching and assessment.

If utilised well, big data can immensely elevate the education system.

Entab’s CampusCare Software is one such software that takes care of lesson plans, assessment, and classroom management. It holds data in a single place and generates comprehensive reports of student attendance, financial accounting, and exam analysis that can be accessed anywhere and anytime.

Moreover, the schools powered with CampusCare see a rise in the number of student applications as the software can accurately predict applicants and analyse the pragmatic factors that influence the application process. Such information enables academic institutions to re-strategise and speed up the registration process as they can accept or decline a vast number of applications in a short span.

DATA ANALYSIS



Data analysis, the systematic collection, analysis, examination, and interpretation of data, has revolutionised the way we manage information today. It can offer unprecedented benefits to students and schools in the coming years.

The data-driven CampusCare communication portals, designed individually for teachers, parents, principals, and school management, are devised to report, evaluate and improve the processes and output of schools.

They empower teachers to use data in the decision-making process.

(Fig. 1 Benefits of advanced CampusCare School ERP Management Software)

One of the highlights of CampusCare is predictive analytics. It gathers all the data, gives insights, and forecasts a student’s performance. By “learning” about each student, the software monitors how students are performing and suggests ways, such as additional tutorials and practice tests, for improvement, thereby reducing dropout rates at schools.

MASSIVE OPEN ONLINE COURSES

Due to free access, lifelong learning opportunity, and open participation to any course of their choice, the popularity of online education and massive open online courses (MOOCs) among students of all ages is increasing with every passing day. Along with lectures, videos and reading material, MOOCs also provide platforms that serve as interactive forums.

Currently, Khan Academy, Coursera, Udemy, and Ted Talks are among the top players in the

online learning industry that offer courses, specialisations, and degrees. In 2019, we can expect to witness EdTech taking basic education to the last mile. With cloud computing taking centre stage, the way education is delivered might change completely. From a high-tech urban building to a remote village, a cloud computing-based MOOC platform can turn any place into a classroom.



ONLINE COURSES

“Online Courses” is the study and ethical practice of facilitating learning and improving performance by creating, using, and managing appropriate technological processes and resources.



24/7 online support to resolve queries.



Complete your studies 24/7.



Learn from anywhere, any time



Materials, videos and webinars.

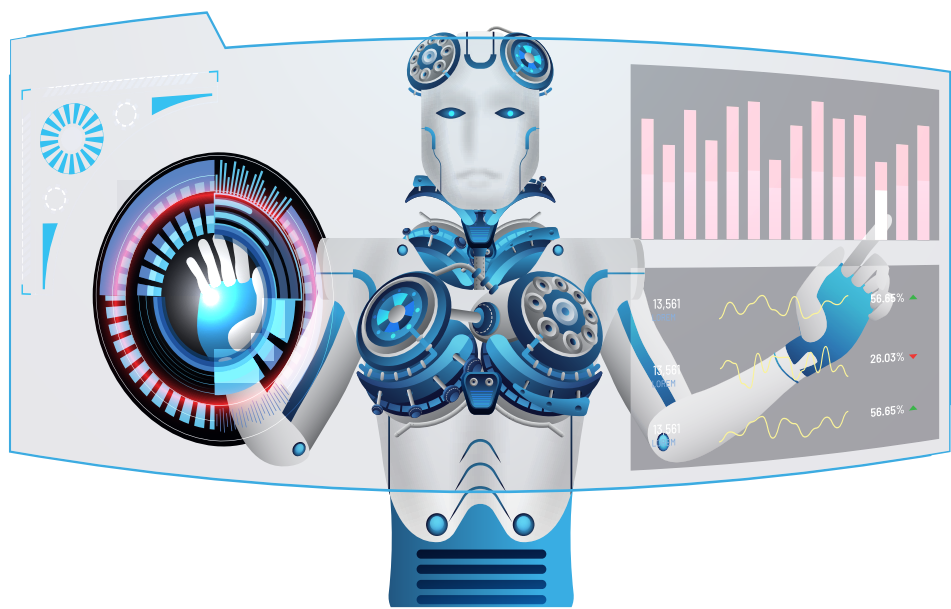
ROBOTICS

Robotics will cover the majority of the curriculum by 2021. With the growing popularity of robotics, comes the rise of coding and programming. Coding is the new second language. To stimulate computational thinking, integrate coding across subject areas. Robotics, when fully deployed,



can make it much easier and efficient for the students to learn routine nature concepts. This will enable teachers to focus more on deep learning and research.

For instance, students need to do multiple experiments in their course. Robots can be used as stand-ins for humans, for conducting studies. These days, medical students use robots with realistic internal organs for training, instead of a human body.



While analytics is going to take the centre stage when it comes to measuring student’s performance, artificial intelligence (AI) will help in choosing an action based on such performance. Many schools have started embracing AI. They use Entab CampusCare, an artificially intelligent school management software that has evolved over the

decades by an advanced research and development team.

The AI-enabled software can analyse the performance of a student and can generate graphs which help in identifying key performance areas of a student. The smart software arranges the features depending on user behaviour. For example, if you use the attendance module more often than the healthcare module, CampusCare will recognise the pattern and automatically place the attendance module over the latter.

AI-driven algorithms can be used to create behavioural models by analysing key data sets like annual results and progress reports.

Analysing these, AI will develop a deeper understanding of the capabilities of each student and will suggest a customised learning plan. This will help students learn at their own pace, and therefore, the ‘one size fits all’ philosophy, which has been common in education, will soon get eliminated.

All in all, the education sector is being digitised like never before. From an increased emphasis on smart classrooms to make learning more alive - it has come a long way. Thus, the time when EdTech is no longer a luxury but a norm in the classroom has arrived.

"To be successful,
the product has to be simple.
It takes lot of hard work to make
something simple."

- Steve Jobs



Embrace the Awkward: Sex Ed in Indian Schools

Principal's
Corner



*- Mrs. Parvathy Seshadri,
The HDFC School, Bengaluru*

Education is a powerful tool which enables people to discover their talents, capabilities, and the most important being understanding their inner self. When a child takes his first step into the world of education, the parents aspire to see them happy and successful in life.

Happiness gets acquired from their home, peers, teachers and on the other hand, both parents and teachers strive to provide them with everything that a child needs to succeed. Outside the home, the school takes the sole responsibility for the overall growth and development of a child. Intensive classes, assessments to help them get into the best universities in India and abroad and even extra guidance so they can emulate their global peers.

But, children have a different world all together which is beyond their day-to-day activities and the curriculum. It is the world where they learn from their experiences when interacting with their counterparts.

Talking about sex has been a taboo in the Indian culture, especially among parents. They expect the child to only eat, sleep, dress, talk, and study. Irrespective of knowing the situation the country is facing at present, either they choose to ignore the topic or presume that it cannot happen to their own child any day. With this kind of environment, the children of to-day's generation fear to discuss anything under the sun at home - a fear of getting judged, fear of suspicion and the list goes on.

Adolescents undergo various physical changes when they hit puberty, and often end up being embarrassed by them. Physiological changes make them self-conscious and prone to low self-esteem. They are battling intense inhibitions, facing strenuous social situations with no easy solutions, and getting fallacious information from the media which is usually their only source about how to interact with the world. All these factors are having a deep effect on our kids and shaping them into the adults they will be in the future.

But are we taking the responsibility to clear the turmoils going on inside adolescent minds? They have the right to know about their security both at home and at the school in the right way through the right person. A world of which they should be aware of, a subject about wh-

ich they should not be ashamed to speak in public. That's 'Sex Education'. This education is all about informing children what is happening in their bodies and educating them to make safe, healthy choices as they grow up.

Since this age group of students is curious about everything that is new to their dictionary and finds it rather 'cool' to discuss it with their peer group, it is paramount to teach them.

Therefore, sex education should become part of the country's school curriculum. It will be beneficial to have a programme which would address various aspects of growing up including sexual and reproductive health, sexual abuse, good touch and bad touch, nutrition, mental health, sexually transmitted diseases, injuries, violence, and substance abuse in an age-appropriate manner.

- Sex education helps a child to wholesomely accept each part of their body, each phase of their growth and discuss physical development without shame and embarrassment.
- While making a child proud of their own sex, it will help them appreciate the attributes and capacities of the opposite sex.
- It strengthens a person's self- confidence, helps them feel comfortable and well poised around others.
- Sex education removes many sources of fear. It assures them of their own capabilities and normalcy.

Armed with this knowledge, it is imperative to teach children to protect themselves. Teaching children:

- (1) good body image,
- (2) respecting the child's sacred body boundaries, thus making them less vulnerable to perpetrators,
- (3) setting appropriate boundaries,
- (4) fostering self-esteem, and
- (5) not keeping secrets from others, can prevent abuse or prevent the same person from repeating the abuse.

We need to work consciously towards educating our students the right way, by the right people to build a healthy society!

TO BE OR NOT TO BE IN THE UNIFORM

Debate



For the Motion...

The implementation of school uniforms has been a bone of contention around the world. Today, kids are getting into trouble for not following the dress code way more than ever. Several countries, such as the United States, are recognising the essentiality of school uniforms. The National Center for Education Statistics revealed that in 2006, 13.8 per cent of US public schools necessitated uniforms which increased to 21.5 per cent in 2016. Well, most Indian schools require uniforms. Since it is an old norm, many accept it without questioning it. You might loathe your school uniform; however, I believe it is there for various smart reasons. I take this opportunity to bring you some of the best ones.

UNIFORMS REFLECT EQUALITY.

In our fashion-conscious society where brands matter, young boys and girls are under severe peer pressure to keep up with the latest fashions. If they are unable to match the set standards, they may be less accepted, excluded from social circles, and may even be subjected to mockery. This can hugely affect their self-esteem and can lead to many insecurities. School uniforms act as an equaliser. They eliminate competition, thereby alleviating judgements and social conflicts.

UNIFORMS INSTIL A SENSE OF UNITY.

Schools advocate that every student is equal and every student belongs. Uniforms can be an excellent way to reinforce a culture of oneness and a sense of community, especially in young children. An environment that is inclusive of everyone inculcates team spirit. School uniforms show that you are part of an organisation and wearing it manifests “we are all in this together”. They also help a child cultivate loyalty and accountability.

UNIFORMS ARE COST-EFFECTIVE.

As the weather and fashion trends keep changing, back-to-school clothing can burn a hole in a parent’s pocket. School uniforms emancipate students from the big-budget expectation of donning designer wear. They cut down the clothing cost as they allow them to purchase fewer items.

According to The Hindu, a set of readymade uniform for a child in Class 1 values between ₹550 and ₹650. On average, the majority of parents place orders for two sets of uniforms in an academic year, costing them only ₹1,500-3,000 per year.

UNIFORMS PUT AN END TO WARDROBE BATTLES.

If students are allowed to wear clothes of their choice, they will be engrossed in tracking current trends. Uniforms bring the attention of students to who they are, rather than what they are wearing, or what they can afford. Students devote less time on picking their outfits and more on academics and extra-curricular activities.

I reckon that school uniforms are great for a child’s development. They make students feel more confident. They develop a school culture that fosters seriousness about learning. Best of all, wearing a school uniform is a badge of pride, creates an identity for a school and is an integral part of being a school student.

- Ashmita Tamta

Against the Motion...

Uniform has been representing schools since the 16th century. However, the primary school to bring uniform into existence was way back in England in the year 1222. Till date, having uniforms or not is an active debate which needs to be discussed in depth.

A research done by psychological scientists from California State University, Northridge University, and Columbia University showed that the process of dressing up every day improves cognition as well as gives fuel to one's abilities. As per my consideration over the subject, I have come to realise that uniforms bring stability in a student's life at the age of creativity. It is an obstacle in one's mental growth as it becomes a schedule more than development. I believe that abolishing uniforms will lead to the enhanced personality development of a student. If you ask me, the outcomes of not having uniforms will result in shaping the following aspects in any student's life:

CREATIVITY

Processing thoughts on what to wear every day will result in exercising the brain and improving its creativity through imagination. It will help students to lead themselves rather than following what's been told.

SELF- EXPLORATION AND REPRESENTATION

According to Article 19 of the Constitution of India, every citizen is guaranteed a fundamental right to express themselves in a manner to their liking. However, many schools by practising the tradition of uniforms are in direct breach of the same.

It is a general consensus that personality is often reflected by the way an individual dresses. By not wearing uniforms, students will come across different styles every day with the understanding of their ideal self. After a student has a better idea about the portrayal of his/her self, students will represent themselves every day in a new way.

DECISION MAKING

I think that when a student chooses different outfits every day, it will inculcate the habit of taking decisions at a faster pace. This practice will improve the ability of decision making.

CONFIDENCE

I write for everyone when I say that confidence comes from the trust within, the trust within is always a priority. Selecting to trust the outfit of the day will make any student more confident than ever.

THE RESPONSIBILITY OF SELF

Keeping in mind the research by California State University, it is possible that when students perform a daily task of deciding the outfit, they will develop a sense of responsibility to carry same outfit with needed care. This action by a student will certainly trigger and enhance the responsibility factor.

NO DISTRACTIONS

According to Merriam Webster's dictionary, the word distraction was briefly explained wherein it was mentioned that "an object that directs one's attention away from something else becomes a distraction".

By focusing on the word distraction, I came to theorize that distraction occurs when attention is diverted. When the distraction becomes the attention, it is because of the change and an attraction towards something new. However, if we practice on focusing on a particular distraction on a daily basis the attention remains undistracted, hence, eliminating the distraction.

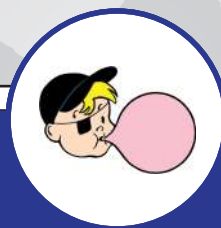
PREPARED TO DEAL WITH BULLYING, DISCRIMINATION, BIASES ETC

Social pressure comes free with our existence and sometimes can be hard to deal with. Though I think, a day will come when students finish school and step in the real (Where there are no uniforms), then their emotional balance will remain untouched making them clueless on how to deal with social pressure (judgments, biases, racism, comparison, peer pressure). If you ask me, to tackle social pressure, the acknowledgement of pressure is required. It will be better if we equip students to face the challenges and get familiar with such situations at an age when the mind is vulnerable and is open to acceptance.

Of course, no one would have thought that dressing up could be fruitful to this extent. Such positive impacts on a student with little change to abolish uniforms have been kept hidden because we never chose to look through it from a different perspective. There will be a day when students finish school and step in the real (Where there are no uniforms), their emotional balance will remain untouched making them clueless on how to deal with social pressure (judgments, biases, racism, comparison). Lost time back, but we can take the charge today, and say NO to uniforms for a better future of our students.

- Vaashee Singh

STRANGE INTERNATIONAL LAWS



DON'T POP A CHEWING GUM IN SINGAPORE.

Heading to Singapore? Leave all Centre Fresh and Orbit gums home! No doubt Singapore is a food paradise with exotic cuisines present in every nook and cranny, but if one craves a post-meal bubble gum, they will be disappointed.

The city-state banned chewing gum in 1992.

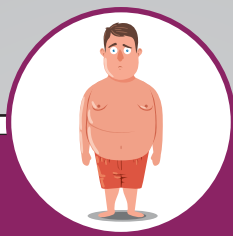
One can face stiff fines of up to SGD 100,000 as well as imprisonment. The only exception is if they can prove it is a therapeutic, dental, or nicotine gum.



DON'T GIVE SILLY NAMES TO BABIES IN DENMARK.

Celebrities in Denmark would be in a fix since the Scandinavian country has strict naming regulations. More often than not, unusual spellings of familiar names and gender-neutral names are shown the red light.

If one wishes to name their baby something other than the 7,000 pre-approved names, they need approval from the government. Each year, nearly 20 percent of 1,100 names that are reviewed are turned down. Sorry, North, Blue Ivy, Sunday, and Bronx.



DON'T PUT ON EXCESSIVE WEIGHT IN JAPAN.

While the major part of the world is still mulling over the health risks of overweight, the land of the rising sun has already proscribed it. It is against the law to be obese in Japan. The law was created to promote a healthy lifestyle. If one fails to fall within limits stipulated by the government, they are issued Japanese food-based dietary guidelines, and their employers could incur huge fines too.



DON'T CREATE AND SHARE MEMES IN AUSTRALIA.

Sharing a picture you did not take, capturing a photo of a poster or even forwarding an email infringes Australia's stringent copyright laws. It is illegal to create and share memes in the sixth largest country. Anyone who regularly browses Facebook is almost surely breaching the copyright law.



DON'T SPORT CRAZY HAIRSTYLES IN IRAN.

Since 2010, Iran has interdicted the two 'western men's hairstyles' - mullets and ponytails. The austere law authorises the cops to chop the hair of an Iranian man with those coiffures. Perpetual lawbreakers can face hefty fines while their hairstylist would have their shops shut down.



DON'T STRUT IN STILETTOS IN GREECE.

Planning to sightsee in Acropolis and other famous Greek historical sites? Ensure giving those pairs of high heels some rest at home. Spike heels and cobbles are certainly a prescription for a sprained ankle. Apart from the apparent comfort issue, high heels are verboten at country's most ancient monuments since 2009 as they cause wear and tear of national treasures.



DON'T THINK OF REINCARNATING WITHOUT PERMISSION IN TIBET.

Buddhist monks in Tibet are not permitted to reincarnate without seeking approval from the Chinese government, according to the law passed in 2007. Although it is challenging to execute this rule, it gives the impression that it was formed to disparage the Dalai Lama and curb his influence on the public.



DON'T ADVERTISE TO CHILDREN IN SWEDEN.

Sweden has banned television advertisements directed at children under the age of 12 to protect them from advertisers. Thus, no commercials can be broadcasted before, after, or within any kids' television show that airs for 30 or fewer minutes.



DON'T PUT TODDLERS IN A BABY WALKER IN CANADA.

Baby walkers are widely used to help babies learn to walk faster but not in Canada. Canadian toddlers will have to fall back on crawling before they can successfully walk since the North American country banned the sale of baby walkers in 2004 for being too unsafe. People with baby walkers or found selling baby walkers can be heavily fined up to CAD 100,000.

SUMMER COURSES

2019



WASTE MANAGEMENT



Age Group
10-15 years old

WASTE DIFFERENTIATION:

- Recyclable and non-recyclable waste
- Wet and dry waste
- E-waste
- Green waste

WASTE DISPOSAL:

- Sorting waste
- Problems by waste
- Waste management (methodology)

WASTE PROCESSING:

- Technologies/machines and their working

WASTE RECYCLING:

- Types and methods of recycling waste

WASTE MINIMISATION:

- Ways to reduce waste



NANOTECHNOLOGY



Age Group
14-18 years old

BASIC CONCEPTS, RESEARCH, AND DEVELOPMENT OF NANOTECHNOLOGY STUDY OF MEASUREMENT TOOLS:

- Atomic emission
- Spectrometers
- Atomic force microscopes (AFM)
- Atomic layer deposition (ALD)
- Biomedical atomic force microscopes (bio-AFM)



ROBOTICS



Age Group
15-18 years old

TYPES OF ROBOTS:

- Micro and nanorobots
- Mobile robots

ELEMENTS OF ROBOTS:

- Joints
- Lines
- Sensors
- Actuators

KINEMATICS OF ROBOTS

STATIC ANALYSIS OF ROBOT MANIPULATORS



BIOINFORMATICS



Age Group
15-18 years old

MOLECULAR DYNAMICS:

- Energy
- Molecules
- Electrical Potential
- Atoms
- Motion

RESEARCH METHODOLOGY AND INTELLECTUAL PROPERTY RIGHTS

PHARMACOGENOMICS AND PHARMACOGENETICS:

- Study of how a person responds to drugs
- Enzymes
- Receptors
- Messengers

NEURAL NETWORKS:

- Study of neurons

MICROARRAY

- Techniques and applications



FORENSICS



Age Group
14-18 years old

INTRODUCTION TO FORENSIC SCIENCE

CHEMICAL ANALYSIS:

- Blood analysis
- How DNA works
- Fingerprint analysis

NARCOTICS:

- Drug use (impact of drugs on humans, drug functions etc.

TOXICOLOGY:

- Aquatic toxicology
- Archives of toxicology

CASE STUDIES



GAMIFICATION



Age Group
10-18 years old

DECONSTRUCTING GAMES:

- Technicality of games
- Game elements

DESIGN, MOTIVATION, PSYCHOLOGY, GAMING PERSPECTIVE, AND APPLICATIONS

Offbeat Career

ESPORTS GAMING



Esports has come a long way since the days of Super Mario, Pac-Man, and Duck Hunt when competing meant chasing high scores in local competitions and winning pen drives as prizes. Easy access to high-speed internet has changed the entire gaming scene. Over the past decade, competitive video gaming, better known as esports, has become a global phenomenon with a massive fan base and huge prize money. As per a report from Newzoo, the total global revenue of esports is estimated to reach ₹10,000 crore by 2021 with an entire audience of more than 300 million viewers.

With esports attracting millions of spectators worldwide, it is far more professional now and is a career path and a lifestyle for many people. Fortnite star “Ninja” made ₹91 crore in 2018. Similar stories float about esports professional players minting millions of dollars in just one tournament. Now, the question is: How realistic is this goal ?

CAN ESPORTS GAMING BE A CAREER?

Investors showed confidence in esports this year
by contributing ₹5,200cr to the market



Early on, clans of players used to form teams online and play for entertainment. Exploding in popularity, around 4,000 esports competitions are held every year with over ₹700 crore in prize pools. Gaming has become a lucrative career opportunity. Major companies are attaching their names, sponsoring events, and paying salaries to professional esports players. Today, if you are adept at

Counter-Strike: Global Offensive (CS: GO), PUBG, DOTA 2, or any other sought-after competitive video game, you can probably sign a deal to play with one of professional eSports teams and make a substantial amount by competing in professional tournaments. Playing in these teams is an excellent opportunity for young players, as they get to travel the world, compete against other players for big prize

money and are regarded as sports stars by thousands of esports enthusiasts.

HOW MUCH CAN YOU MAKE?

The Indian esports industry is still germinating and is much behind its global counterparts, in terms of remuneration. In India, a professional esports player can make up to ₹22,000 per month, with additional bonuses.

The minimum industry salary is ₹10,000 to ₹12,000 per month.

Most organisations provide a gaming house, an in-house cook, high-end computers, that eliminates all the worries for food, accommodation and other things such as sponsored event night outs. The salaries have risen almost three times than what they were in the early years of Indian esports. With the entry of big players such as USports, So Stronk and Nazara Games, monthly income is expected to reach ₹40,000.



Twitch, the number one site for streamed gaming content, lets you monetise your live streams. Small and mid-level creators can earn an average of ₹150 per thousand views from ad placement. Its strongest monetisation tool is the monthly subscription feature which allows content

creators to charge a subscription fee. Another way to earn on Twitch is through game sales. Creators can link their viewers to the Twitch store to purchase games that creators are playing or mentioning during their stream.



TOP ONLINE COURSES FOR ESPORTS





Course Name: Counter-Strike: Global Offensive – Play Like a Pro

Provider: Udemy

About: Comes with a certification of completion, it levels up your CS: GO game sense and overall best practices for competitive play.

Duration: 50 lectures (Total: 3 hours 15 minutes)

Price: ₹9,600



Course Name: The Complete Guide to League of Legends

Provider: Udemy

About: It improves your game mechanics, boosts your ranks and teaches micro/macro knowledge of the most popular video game.

Duration: 43 lectures (Total: 3 hours 40 minutes)

Price: ₹12,800



Course Name: Esports Teams and Professional Players

Provider: Coursera

About: It emphasises on the intricacy of competitive Esport team and individual professional players. It includes the unique ecosystem of articles, videos, streaming, and overall content creation.

Duration: 2 weeks long

Price: ₹ 2,711



Course Name: Collegiate Esports and Career Planning

Provider: University of California (Online Course)

About: It covers trending topics in the Esports industry. It focuses on collegiate esports and career planning as well as examines the different avenues in esports.

Duration: 2 weeks (Total: 20 hours)

Price: ₹2,711



Course Name: The Complete Guide to Twitch Streaming

Provider: Udemy

About: It is designed for avid gamers looking for creative and practical ways to market their stream to reach a wide audience on Twitch. The syllabus includes all aspects of live streaming.

Duration: 72 lectures (Total: 6 hours)

Price: ₹12,800

1 EXPLORE VARIOUS GAMES.

Try out different titles and find out the genre of games you enjoy the most. An RTS is mainly for the ones with a strategic mindset and skills for micro-managing multiple units on the screen. An FPS fits the bill for those with good game awareness and aim. After you have played a multitude of games, pursue a game that comes naturally to you.

MOST POPULAR TYPES OF GAMES

- First-person shooters (FPS) such as Counter-Strike
- Multiplayer online battle arenas (MOBA) such as PUBG
- Real-time strategies (RTS) such as StarCraft
- Fighting games
- Card games

ESPORTS SUMMER CAMPS

Esports Camps provide young children with a complete overview of the esports ecosystem. The training is given by professional gamers who teach them how to get into competitive gaming, improve their skill level, and identify their gaming strengths.

There are many summer esports camps for a range of games like DOTA 2, Overwatch, Starcraft, Rocket League, FIFA, among others.

Age: Between 10 to 18 years

Duration: 2 to 4 weeks

2 CHOOSE A GAMING PLATFORM.



After you have chosen your game, it is crucial to determine if you prefer a controller over the mouse and keyboard. Super Smash Brothers, Counter-Strike, and a few other games can only be played on a single gaming platform. The primary gaming platforms include the PlayStation, Xbox, Wii U, or a gaming PC.

3 RESEARCH TECHNIQUES AND COMMUNICATE WITH OTHER PLAYERS.



YouTube and Twitch are the biggest platforms for live streaming for gamers. Watch video tutorials and live streams online to gain an understanding of the gaming techniques. Articles on different tactics or strategies can help you improve your skills. Build your community of friends that play the same game using in-game chats, specialised forums, or social networks.

4 JOIN A TEAM.



Find a team when you believe you are a serious competitor. If you have a good reputation, the chances are the teams may find you. Join a group and discuss strategies and tactics with other players using communication devices like Teamspeak, Discord, or Skype.

5 GO TO LAN TOURNAMENTS.



The local area network (LAN) tournaments provide a tangible experience. Once you consistently win online, LAN tournaments are the next step in becoming a professional gamer. Begin with smaller local matches and test your skills in as many regional competitions as possible. Even if you are unable to qualify or register for LAN tournaments, attend them as a spectator. It will give you insight into the competitive environment.

LARGEST GAMING TOURNAMENTS

- The International Dota 2 Championship
- Smite World Championship
- COD World Championship
- WGL Grand Finals
- LoL World Championship
- PUBG Global Invitational



6

ENTER TOURNAMENTS.



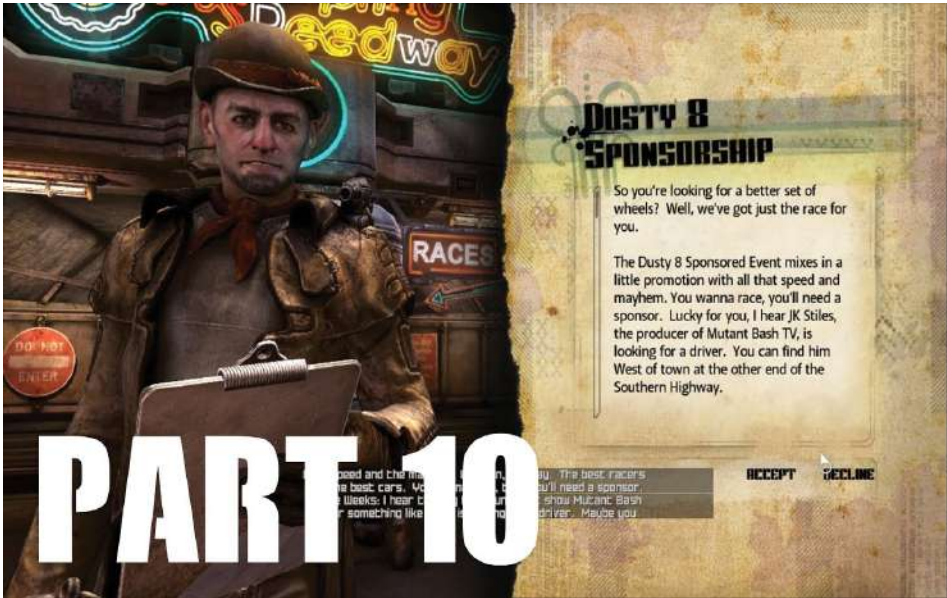
When you have fared well in online and local competitions, start entering bigger tournaments. Pick a gaming league and register for an upcoming season. Your status as a pro gamer is solidified when you win at the pro circuit level. Winning at live events brings you money as well as respect.

SOME OF THE POPULAR LEAGUES

- Korea e-Sports Association (KeSPA)
 - E-Sports Entertainment Association League (ESEA League)
 - ELEAGUE
- Electronic Sports League (ESL)
 - Major League Gaming (MLG)

7

TRY TO GET SPONSORSHIP.



Sponsorships are the largest contributor to the Esports industry. Various tech players like Intel and gaming peripherals companies like SteelSeries are investing heavily in gaming. They provide the necessary equipment to compete and pay you.

Advertising is the second largest contributor. It includes product links in video descriptions and

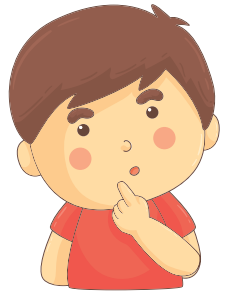
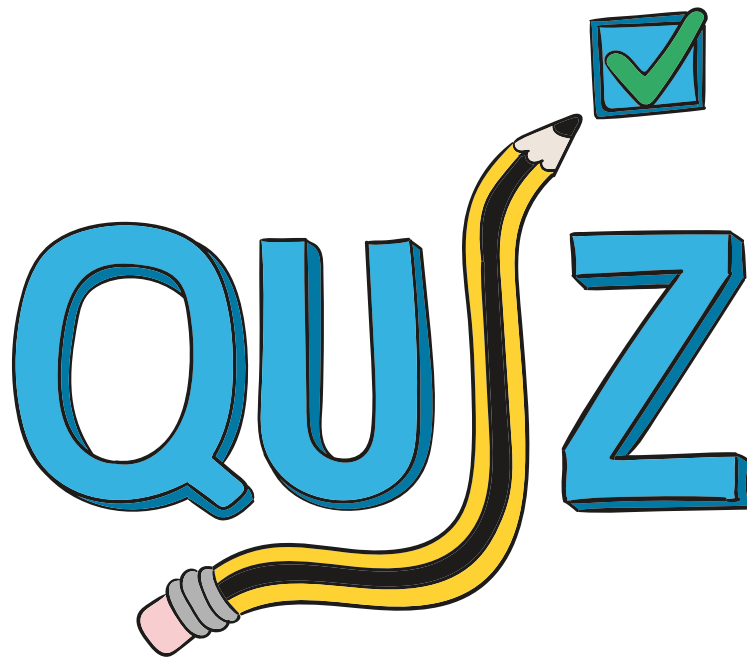
live-stream feeds. Companies like Red Bull gift free stuff to use when players are in the public eye. You can contact different brands and discuss sponsorship opportunities to get started.

8

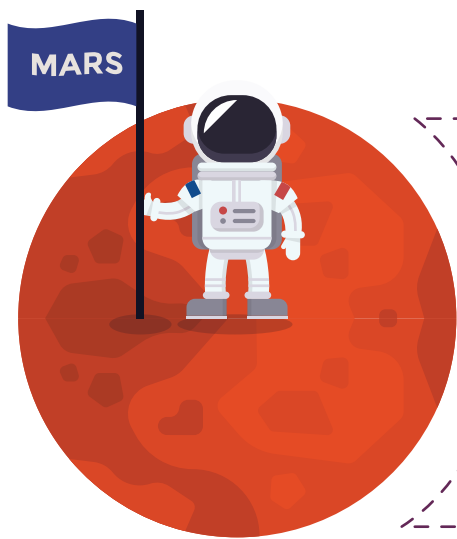
CREATE YOUR ONLINE PROFILE.



Update your Twitter and social media profiles regularly so people know when you are streaming your gameplay. Socialize with fans and other players at live tournaments and LANs. Reach out to popular esports players of the game you are trying to specialize in via social media and in-game chat rooms. Indulge in photo shoots and interviews.



How well do you remember the news stories and events of 2018? Take this quiz to test your knowledge of the top global news from the past year.



ACCORDING TO THE DISCOVERY MADE BY THE EUROPEAN SPACE AGENCY (ESA), WHAT DO RESEARCHERS BELIEVE THEY HAVE FOUND ON MARS?

- A. Bacteri B. Copper C. An underground aquifer D. Atoll

1

WHICH DATA ANALYTICS AND CONSULTING FIRM WAS ACCUSED OF IMPROPERLY USING PERSONAL DATA OF 50 MILLION FACEBOOK USERS TO SWAY THE OUTCOMES OF THE MAJOR POLITICAL EVENTS?

- A. Gartner B. Cambridge Analytica C. Teradata D. Alteryx

2



WHICH COUNTRY BECAME THE FIRST IN THE WORLD TO LEGALISE EQUAL PAY FOR MEN AND WOMEN?

- A. Iceland B. Canada C. Sweden D. Finland

3

THIS ARAB COUNTRY LIFTED THE BAN ON WOMEN DRIVING.

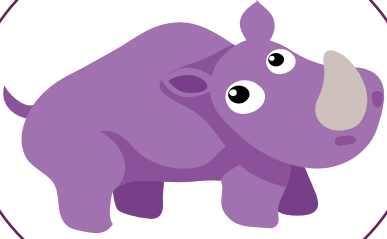
- A. Egypt B. Saudi Arabia C. Bahrain D. Kuwait



4

THIS RHINO SUBSPECIES LOST ITS LAST SURVIVING MALE TO POOR HEALTH IN KENYA?

- A. Northern White B. Southern White
C. South-western Black D. South-central Black



5

US PRESIDENT DONALD TRUMP MET NORTH KOREAN LEADER KIM JONG UN ON THIS ISLAND IN SINGAPORE.

- A. Coney Island B. Jurong Island
C. Peak Island D. Sentosa Island



6

IDENTIFY THE COUNTRY THAT WON THE MOST MEDALS IN THE WINTER OLYMPICS IN PYEONGCHANG, SOUTH KOREA.

- A. Norway B. Canada C. Germany D. United States



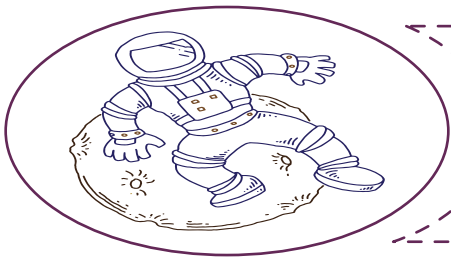
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WHOSE AQUAMARINE ASPREY COCKTAIL RING DID MEGHAN, DUCHESS OF SUSSEX, WORE TO HER EVENING WEDDING RECEPTION IN WINDSOR?

- A. Queen Elizabeth II
B. Diana, Princess of Wales
C. Catherine, Duchess of Cambridge
D. Camilla, Duchess of Cornwall



8



WHICH IS NASA'S FIRST-EVER SOLAR PROBE?
A. Ulysses B. Genesis C. Cosmos 359 D. Parker

9

WHAT DID CANADA VOTE TO MAKE
GENDER NEUTRAL?

- A. Baby names B. Passports
C. Crèches D. National anthem



10

Answer - 1.C, 2.B, 3.A, 4.B, 5.A, 6.D, 7.A, 8.B, 9.D, 10.D

Role of Communication in Child’s Growth



“At the end of the day, the most overwhelming key to a child’s success is the positive involvement of parents.”

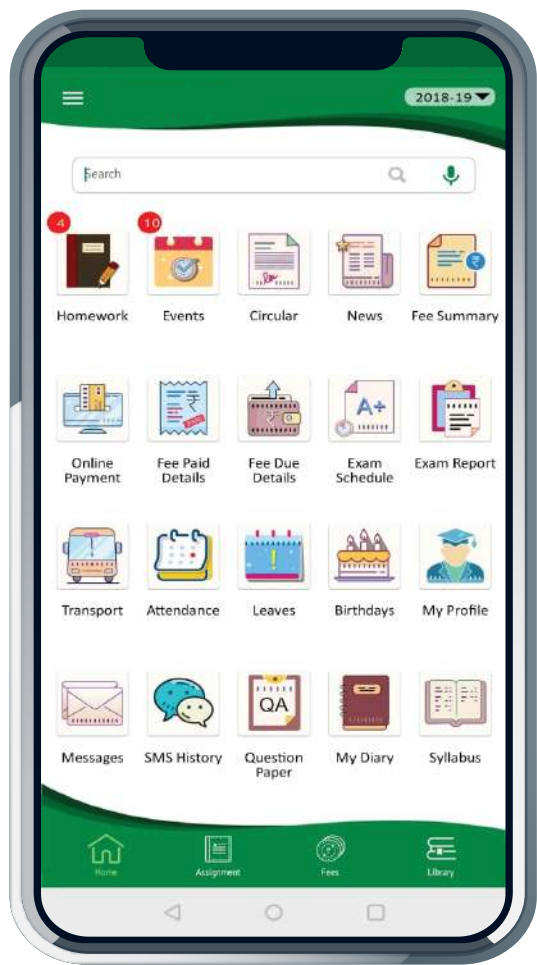
- Jane D. Hull

Studies indicate an effective partnership between parents and school is essential for holistic development of a child. Regular communication between parents and teachers ensures timely assessment of a child’s performance, development and behaviour. This helps parents and educators cater to the child’s specific needs, thereby significantly improving the result and reputation of school.

Although parents acknowledge the significance of keeping up with the school, their hectic schedules make it hard for them to do so. This is where Entab comes to rescue as parents and educators no longer have to wait for the parent-teacher meetings. Entab’s mobile apps enable parents and schools to connect in real time by seamless and hassle-free communication. These mobile apps are user-friendly and are supported by the following:

PARENT HELPDESK

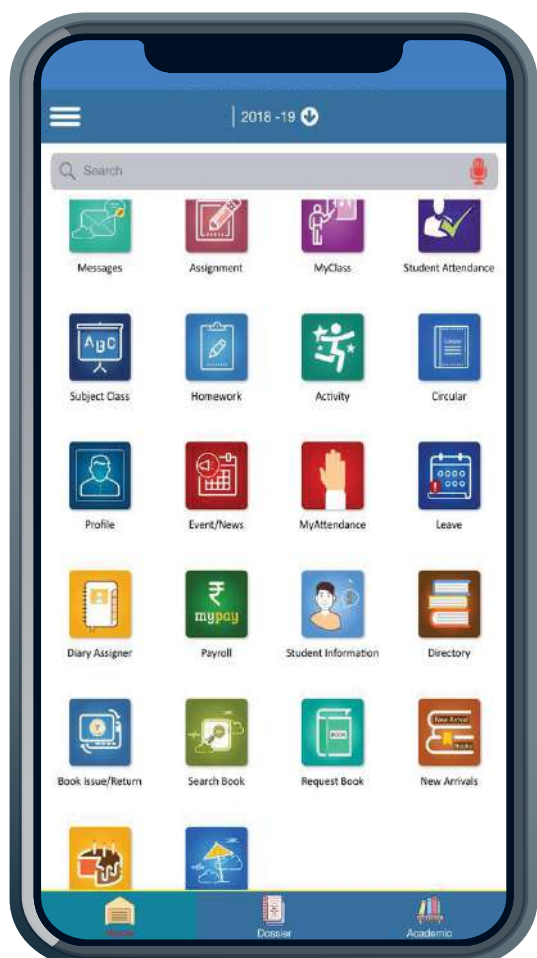




From attendance to fee payment to performance analysis at the touch of a button, school management software and apps have enabled parents and teachers to share information instantly on their phones or tablets. They are a great way to strengthen student-teacher-parent relationships.

One such revolutionary product is Entab's CampusCare which is known for its best digital tools – including mobile apps and communication portals – for parent-school interaction. Equipped in English, Hindi and various other regional languages, the school management software comes with a 24x7 dedicated parent helpdesk and technical support that solve the issues faced by parents while using the mobile app.

STAFF ORIENTATION WORKSHOPS



Technology has made accounting and managing a school easier than ever. Ensuring that everyone is on the same platform, it lends a helping hand when it comes to parents making positive connections with the school.

CampusCare communication portals, rolled out by Entab, are designed for all the major stakeholders of a school – parents, teachers, principals, and management. Staff orientation workshops are held to train the faculty to effectively use CampusCare to communicate and collaborate with parents. These sessions shed light on how to send messages, share photos and set event reminders, among others. They also showcase how more than 5 lakh people are using CampusCare for bridging the communication gap.

PARENT WORKSHOPS

Using Entab’s mobile apps, available for all devices, allows parents to access the report card as well as the performance analysis report on the go. Known as the best school management app, CampusCare keeps parents in the loop about their ward’s achievement, progress, and next steps.

The Entab team regularly conducts parent orientation workshops to make parents thoroughly understand the functioning of the software so that they can utilise it to the hilt and get the best results.



Right edtech tools which have evolved out of the Best Schools can improve Productivity, Efficiency & Reputation of Good schools and transform them into the BEST schools.



WHAT WE PROVIDE ?

1. Website integration
2. Quick implementation
3. Dedicated parent helpdesk
4. 24x7 Online support
5. On-site support
6. Regional support
7. Parent orientation workshop
8. Staff training
9. Digital marketing services



1300+ SCHOOLS

entāb

INDIA'S MOST PREFERRED SCHOOL MANAGEMENT SOFTWARE



2 VERSIONS



MOBILE APPS



COMMUNICATION
PORTALS



PARENT HELPDESK



24X7 ONLINE
SUPPORT



27 STATES



CampusSoft®

CampusCare®

