IAO

**AUGUST 1, 2019** 

### ACCREDIOR

#### JIGSAW CLASSROOM STRUCTURE

The Rescue We All Need?

- Is the Hype Real?
- Out-performing
- How to Implement It?

TEACHING GADGETS

Every Teacher Should Have in 2019

TOP TEACHING TRENDS OF 2019

**Embrace the Change** 

**EXCLUSIVE!** 

PILLARS OF MODERN EDUCATION SYSTEM

> By Gurbachan S. Miglani & Gursimrat Kaur











It is that time of the year again when we unpack our bags, reset our moods and get back to school! Parents are back to their duties of packing lunch and making school bags, university students are probably reconciling their assignments, and so on. Yes, it is that time of the year when we are back from vacations to start with our education. But while you were away, IAO's editorial team was steadily working on providing you with content that matters; that would make education fun and a breeze. And here we are with our August edition of IAO's quarterly and a great news that we will get to later on.

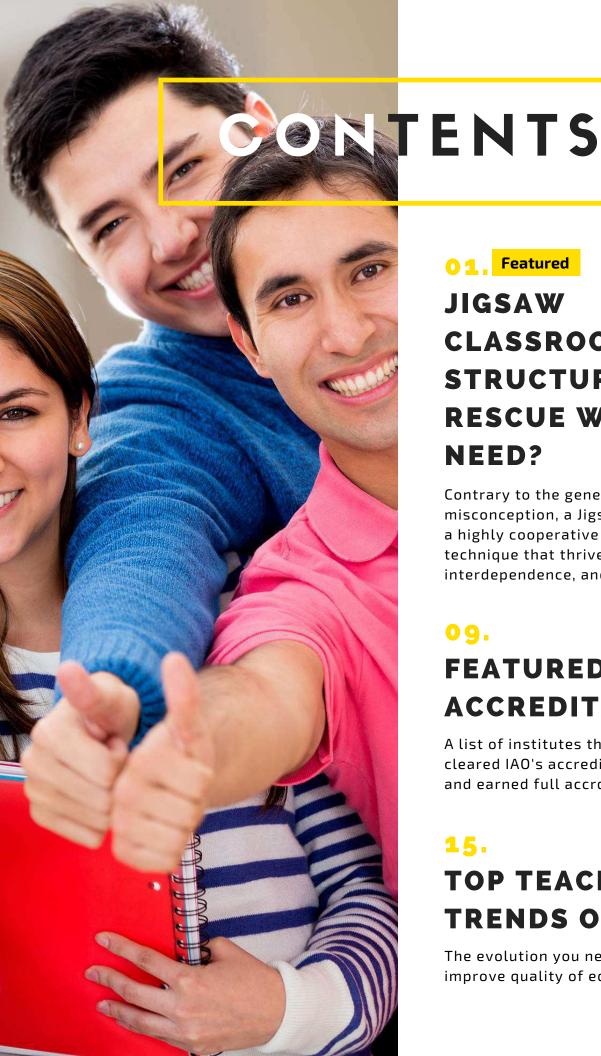
First things first, since 2019 has been quite a surprising year for most educational professionals around the world, we decided to focus more on technology, trends and the shift in education in our third quarterly issue of Accreditor. Being a technology savvy guy myself, I am of the view that equipping education with technology and alternative teaching methods can produce highly positive outcomes, and the students will enjoy more.

And now the good news - due to the immense interest of our regular readers, we have decided to make Accreditor Magazine a monthly publication instead of a quarterly publication! I hope that makes your day just like it has made ours!



We have decided to make **Accreditor Magazine a monthly** publication instead of a quarterly publication!

Jeff Wright, Editor in Chief



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#### **JIGSAW CLASSROOM** STRUCTURE: THE **RESCUE WE ALL NEED?**

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#### PILLARS OF MODERN EDUCATION SYSTEM

Formal education is the process of receiving or giving systematic instruction, especially at a school, academy, institute, college or university. A learner, called student, joins such places with an objective of pursuing some defined academic program and as a consequence of successful completion of all the requirements, earns a certificate, diploma or degree.

25 Technology

## TOP TEACHING GADGETS OF 2019

In the world of tech savvy youngsters, it has become important for teachers to implement modern techniques in teaching methods by making use of the widely available education gadgets.

In a recent survey by Edgenuity in the US, a staggering 91% teachers in the US believe technology facilitates the process of creating lessons as well as imparting added creativity among the students. A large number of teacher-assisting gadgets have surfaced recently and here's our list of top picks





Traditional classroom environment and structure makes it impossible for students to study, think and act at the same level. Traditional classroom environment and structure makes it impossible for students to study, think and act at the same level. Some students are left behind while most fall somewhere in the 'average grades' category. Only a select few make it to the top, which helps in boosting their ego through distinctions and scholarships, but for the remaining students, it is demotivating and embarrassing. To add fuel to fire, these classroom models then have issues like bullying, racism, and the like. More or less, the entire classroom model that we follow today has collapsed, so much that now a lot of schools are moving towards alternate methods. Among these alternate models, one quite popular is the 'Jigsaw Classroom Structure'.



# What is a Jigsaw Classroom Structure?

Contrary to the general misconception, a Jigsaw Classroom structure is not an 'anything goes' setup, where kids are left to do as they please. Instead, it is a highly cooperative learning technique that thrives on teamwork, interdependence, and collaboration. The main focus is to eliminate discrimination and promote learning, teamwork and most importantly make learning fun. As the name implies, in a Jigsaw Classroom, students are divided into groups and each group is given separate tasks. Each task has multiple parts to it, which are then divided within the group among the students. Each student has to complete their part of the jigsaw to complete the entire task, making it impossible for one to shine brighter than the other. This way, the most intelligent students help their weaker counterparts to achieve their targets. Hence, the overall result is that each student gets a fair chance at learning.

## INTER DEPEN DENCE





# INTERD EPENDE NCE VS. OUT-PERFOR MING

Jigsaw Classrooms promote interdependence and not competition, which is exactly what makes them a whole lot better. In traditional classrooms, students compete with each other, promoting envy and insecurity. In other words, their overall personality is molded to look out for themselves and not the other way round.

On the other hand, in a jigsaw classrooms, students learn the value of teamwork, problem solving and interdependence since even the brightest students have to work with the dullest one to complete their tasks. One for all & all for one!

## IMPLEMENTING THE JIGSAW CLASSROOM STRUCTURE



## TO EASY STEPS



While the name may make it sound like a puzzle, implementing the Jigsaw Classroom structure is actually quite easy. For any teaching professional, the following 10 steps will be sufficient enough to get going:

#### **CREATE GROUPS**

Divide students into 6-person group. Make sure each group is diverse in terms of gender, race, and ability.



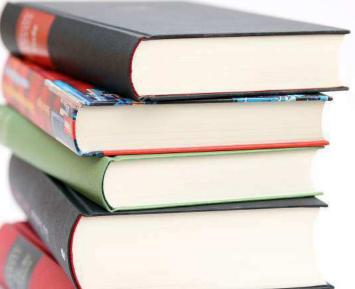


#### APPOINT LEADERS

Elect or appoint one person in each group as the leader. Ideally, this person should be the most mature or capable among the students.

#### SEGMENTED ASSIGNMENTS

Divide the homework or classwork in the 6 parts. For instance, if you want your students to learn about Abraham Lincoln, you should divide the segments as: 1. Childhood, 2. Education, 3. Early Life, 4. Political Life & Achievements, 5. Demise & Legacy and 6. In Popular Culture.



#### **ASSIGN TO STUDENTS**

Assign each part of the assignment to each student and ensure that each student has access to only their designated segment.

#### FAMILIARITY EXERCISE

Let the students read the assignment segment within a certain period of time and let them get familiar with it.





#### **EXPERT GROUPS**

Create a temporary expert group by picking one student from each jigsaw group and allowing them to discuss their assignment points and rehearse how they will present it to their jigsaw group members.

#### **BACK TO JIGSAW GROUPS**

Bring the experts back to their jigsaw groups.



#### PRESENT ASSIGNMENTS

Ask each student to introduce their assignment segment to their group members and encourage other students to ask questions for clarity.

#### INVIGILANCE

Invigilate each group to see if there is any disruption of confusion. If found, make an intervention and encourage the group leader to handle such matters.





#### **SESSION END**

Now the session should end and each group should be ready for a quiz. The quiz will allow you to score the groups based on their learning.

#### IN A NUTSHELL

Jigsaw Classroom structure may very well be the schooling system we all need. Considering the plethora of problems that occur in regular classrooms, maybe it's time to give the Jigsaw Clasroom structure a try?



## Featured Accreditations

The third quarter of 2019 has seen a shift in education standards worldwide. With reforms all around the globe, many institutes are opting more and more for accreditation from a reliable body such as International Accreditation Organization. Here are some of our most promising and esteemed accredited institutes.



We are one of Pune's premier business schools, built on our unique strength of imparting high quality management education through andragogic innovations and industry-academia interface.



Our academic steam is well aware of the needs of the business and society, which decides the drivers of designing a relevant and updated syllabus. We conduct our courses in a highly supportive environment that gears you towards future employability giving you a distinct advantage in today's competitive world.



#### Central EduTech Institute of Management Studies



CEIMS recognizes the role of education, that every citizen should possess in the digital age.Distance Learning is now a wonderful reality in this context.

CEIMS provides a well-balanced combination of academic and practical business oriented content through a unique theoretical approach. CEIMS offers understanding of businesses and organizations, along with theories on technologies and tools for resolving the problems arising in them. You will explore the business spectra in all relevant areas and learn to create solutions adapted to a company.



At WGInstitute, we are dedicated to creating top level Certified Personal Trainers. WGInstitute provides to those looking to become certified personal trainers more than just textbook knowledge and a certification.



Not only will each student receive one of the industries top most recognized personal trainer certifications, but in addition they will get hours of both classroom and gym floor training.



The European Wellness Academy (EWA) is an international education provider dedicated to furthering & developing the European approach to holistic wellness management.



The European Wellness Academy is the education & training arm of the international European Wellness Group (EWG) that has more than 30 over years of experience in the field of research & development in biological & regenerative medicine.





Offering a comprehensive online training for anyone with a passion for interior design. Our advanced curriculum is designed by a team of educators and mentors, offering a truly flexible program catering to the needs of students.

We strive bringing the knowledge of our passionate, competitive and highly proficient alumni to our global student body and provide efficiency of techniques in delivery and communication. There are numerous benefits and advantages to enrolling in our institute:



Mehak Kawatra has an extensive background as a makeup & hair artist and has worked on countless advertisements and commercial shoots with a passion for artistry that runs deep.



With a natural talent for painting, Mehak Kawatra has an incredible ability to see the face as a canvas to create variety of looks that vary from glamourous & breathtaking to classy & flawless.





The Jordan Academy for Quality Management (JAQM) is a specialized institute in providing consultations and training in quality management discipline for the public and private sectors in Jordan and the region.

JAQM derives its power from its beliefs that the quality should be created not simulated. The quality is a key competitive advantage and it goes hand-in-hand with the productivity. JAQM is your right hand to achieve the quality standards that will eliminate your business cost and, at the same time, will improve your business productivity.



#### The Master's Training International

Excitement is the main essential element of choosing a program to study. If the subject of the trainer motivates you, the commitment and logical thinking needed for accomplishment will appear unsurprisingly.

The Master's Training International was inspired by the poems in the book of Michael Cenaffra's Faith, Dreams and Hope. It is indeed the strong determination of the founders to focus on THE TRUE PASSION TO HELP people who are away from their love ones and suppressed by hopelessness, to view life in a different perspective. The Life of Hopes and Dreams



### Just Natural Consulting



vJanine made it into the Black Women in Europe Power List in 2018 for her pioneer work in Natural Hair Care in Europe. She is a recipient of the Global Author's Award in the UK and serves a mentor with African Woman in Europe (AWE).

As an international speaker, Janine had shared the stage with Ndaba Mandela, JT Foxx -the #1 wealth coach, Vanilla Ice, among many other industry leaders.



Stay Fit Live Dure



Stay Fit Live Pure Fitness Academy is for every fitness enthusiasts who aims to become an expert in the field of fitness, nutrition, bodybuilding, rehabilitation & sports performance enhancement.

Our comprehensive exercise and nutrition science training and coaching methodologies delivered with top notch leading edge technologies helps all our students to progressively enhance their skills to become the leader of the fitness industry with flawless confidence.





Committing to improve nation's health and advancing the profession of dietetics through education and advocacy, Dietitian Shreya's Academy is offering various nutrition & dietetics courses.

At Shreya's Academy, we play a key role in shaping the career of our students by enabling them to enhance public's food choices & nutritional status, and treating people with illness.



Fortune flyers is an academy for innovation and development in aviation education, founded by a group of new generation enthusiasts whose passion is teaching and innovation.



The beginning of the 21st century has seen changes in almost all of our lifestyle. These changes have had a deep influence on much of our way of life, and yet they have had almost no influence on the institutionalized traditional processes of learning and teaching, as reflected primarily within the aviation institutions.



#### Total Care International K.S.A.

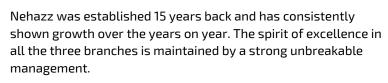


The pioneer in healthcare programs in KSA, serving the Filipinos and International Communities since 2008, efficiently and effectively to make a mark within the industry and to ensure our clients get the best.

TCI's mission is to promote and develop cooperative partnership between the educational community and business, industry & labor..



Nehazz Bridal Makeup Studio





Our dreams are unlimited but our determination to protect and cherish the brand name and its values are the core of our existence. Mrs. Neha is the qualified makeup artist and is always working on getting the perfect texture, colors and feel of our product which actucally complement the Indian skin tone. We at Nehazz understand every one's beauty aspirations.

**(+) EDUCATION TRENDS** 

## TEACHING TRENDS IN 2019: EVOLUTION YOU NEED TO FORESEE

Generally, at the start of each year, predictions are made on teaching trends based on the previous year's data. This data usually includes previous year's success strategies, deficit in education and popular trends in teaching. But, the year 2018, saw a major shift in teaching trends, making it nigh impossible to predict any certainty in teaching trends or how it would evolve further. Any professional in the education sector would know that institutes are trying to adapt to the shift in mindset, technology and expected teaching methods. Therefore, instead of trying to predict what would work, this articles is more focused on what you need to look out for in 2019:

#### **TEACHING TRENDS**

#### IN 2019

#### Alternative Learning Methods

First and the foremost, alternative learning practices or environments have gained enormous popularity over the years, and they are now more important than ever. To name a few, we have online schooling, homeschooling and co-op schooling. Many research papers have been published stating that these methods may actually be more beneficial for kids than standard classrooms. Parents are moving towards these alternative methods since these methods are easy adjustable according to their schedule and can cater to a kid's individual needs well.

#### **Inclusion**

Inclusion is when students with disabilities are placed in regular classrooms instead of special needs classrooms. This way, children with special needs or disabilities experience life and learning the same way as any other student would. In fact, placing them with regular students boosts their confidence and ensures that they are not seen any differently by the society. Problems might occur when these students require special attention. Regular teachers might not be able to assist them with their needs. This is why in most schools where this practice has become standard, special needs teachers work with regular teachers to ensure such students get the best education environment possible.



#### Promoting the Growth Mindset

According to recent research, children today are easily demotivated and discourage when they experience failure. Self-belief and perseverance that was found in the older generations is a rarity these days. For teachers and educators, this has become a major problem. Since students easily give up and find alternative ways of achieve their goals such as using the help of a tutor or online research, teachers are finding ways to cope up with this issue and encourage students to perform their tasks independently without fearing the consequences. The growth mindset is a technique that focuses on framing solutions in a special way that would allow students to easily succeed and without any interference. The idea here is to break a bigger problem into smaller bits and make them easier to achieve to motivate students and build their confidence for harder tasks.





## Technical Career Opportunities are Becoming Increasingly Popular

While college degrees still have their importance and charm, many individuals especially in the USA are finding it easier to attain a technical certification or diploma and lesser time and cost to get better job opportunities compared to degree holders. This phenomenon, in turn, has given rise to the popularity of short courses in technical education even by the most popular universities and colleges. Many colleges and universities today are offering technical education courses for students who wish to enroll for a shorter duration of time while learning the skills they need.

### Integrating Technology in Education

Last but the most the important, the inclusion of technological advancements in the education sector is creating more and more opportunities for students and teachers alike. Students today are already adept at using technology for learning and utilizing the same for their education can produce amazing results. For instance, using tabs and applications to collaborate and complete projects online has already made their lives easier and such practices need to be encouraged.





**EXCLUSIVE** 

# PILLARS OF MODERN EDUCATION SYSTEM

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Dr. Gurbachan S. Milgani Commission Member Internation Accreditation Organization



Gursimrat Kaur Assistant to Dr. Gurbachan Milgani

Formal education is the process of receiving or giving systematic instruction, especially at a school, academy, institute, college or university. A learner, called student, joins such places with an objective of pursuing some defined academic program and as a consequence of successful completion of all the requirements, earns a certificate, diploma or degree. A great teacher, curious learner(s)/student(s), state of the art infrastructure, and attractive surroundings and healthy environment are four essential pillars of modern education system.



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Teacher is the most important component of any educational facility. Teacher is the one who is an effective communicator and controls everything that happens in a class room. A teacher should be great human being in the sense that he should interacts with the child (physically, and mentally), give affection to the pupils, and make them understand what emotion is, smile to his/her pupils even when they screw him up, teach not only text book materials but also the truth that is happening outside, practice balanced with theory, dedicate him/herself to the job with commitment, not consider a student a stuff of flesh and blood rather understand that in front of him stands a true miracle of life.

A real teacher is someone who teaches not only with mind, but also with heart and encourages students to ask questions. He/she should be patient and kind, flexible and resourceful, tolerant and open minded with a good sense of humor, enthusiastic, honest, imaginative, creative, efficient, self-disciplined, helpful, humble, modest, and should enjoy teaching,



#### A great teacher has no bias, no fixed point of view, open eyes to see and explore life and learning itself.

A good teacher has classroom rules and procedures (manuals) which help students know what is expected from them and how the students can help themselves. A great teacher has no bias, no fixed point of view, open eyes to see and explore life and learning itself. A perfect teacher respects all students and encourages good performance. He/she teaches his students the ways to face problems of life confidently by developing problem-solving ability in them. A teacher quizzes the students frequently in order to know whether the students are following the teacher. This helps teacher know problems of individual students. He/she is responsible for creating atmosphere in the class room which is conducive to learning.

A teacher encourages scholarship among students, urges them to be innovative and guides them to publish their new ideas. A good teacher should develop sense of leadership and professionalism among students. A good teacher is someone who is ready to learn even from the students. Once a teacher always a teacher. He/she should have moral character and serve as model before the students for building a good society and thus always remember that "a teacher is a teacher" not only when on duty but also when off duty. A good teacher should be a noble and complete person.



## STUDENT



Many people define good students as those who receive the best grades. The pursuit of scholarship and education rather than concern over grades is the hallmark of a good student. Class participation and behavior are other aspects of a good student. A good student should be intellectually curious, self-driven, good time manager, creative and original, analytical, and performs well even under pressure. A good student prioritize his life. Doing well in studies should be his/her top priority, and understanding basics of the subject should be his major emphasis.

A good student attends all his classes, writes neatly, speaks clearly, does all of the homework and assigned reading, and remembers that there is no substitute to hard work in life. When option for selecting subjects of study is available, a good student chooses the ones that he/she likes the most. A good student asks himself honestly, "Do I really understand what's going on here?" In case answer to this question is "no", he/she tries to fill in the gaps through discussion with the teacher. A good student prepares him/herself thoroughly for an examination.

## SURRO UNDIN GS AND ENVIRO NMENT

A person spends a long period of life in educational institutes and his/her experiences at such places have an impeccable impact on his life. The physical environment of buildings and grounds is a key factor in the overall health and safety of students, teachers, staff, and visitors. To attract the students, a place of learning must be very clean and have a scenic beauty with appropriate plantation and trees. Environment has been divided into four types: (a) natural environment, (b) artificial environment, (c) social (d) psychological and environment, environment. Administration should give due importance to suitably maintain all these types of environments. A congenial environment at school and home enhances learning potential of a person. Good working relationship among different components of an establishment makes the environment friendly and helps in proper coordination in overall working of the place of learning. In addition to the above-mentioned pillars of modern education system, parents are expected to play a pivotal supportive role in their wards' education.

## TO SUM IT UP...

Every administrative head always thinks that he/she is running the best establishment. How would you know where your establishment actually stands with respect to other similar places in your area, city, state, country, and world? Any establishment must get itself evaluated from some reputed organization for accreditation to ensure that you have all the pillars of modern education system very strong.

#### About Authors:

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### Top







## Technology in Education

In the world of tech savvy youngsters, technology has become imperative to education. It is increasingly important for teachers to implement modern techniques in teaching methods by making use of the widely available education gadgets. This not only makes learning in the traditional classrooms interesting and engaging but also cuts down the hard work of having to manually plan lectures. In a recent survey by Edgenuity in the US, a staggering 91% teachers in the US believe technology facilitates the process of creating lessons as well as imparting added creativity among the students. A large number of teacher-assisting gadgets have surfaced recently and here's our list of top picks



Forget smartphones and smart TVs, smartboards are here to take over the traditional classrooms. The smartboard technology is designed to enrich the otherwise boring curriculum turning it into an engaging lesson. Smartboards conveniently offer you an online research tool on your whiteboard, without having to use an additional laptop for research. These boards are low maintenance and do not require any special chalk or marker but can be conveniently used with finger or its digital pen. The smartboard also allows multiple students to work on it together hence making team work possible. One of the biggest advantages of smartboards is that you no longer have to erase your lesson to go ahead with the next lesson, instead you can save your lectures in the smartboard memory.

## 2. 3D Printers



There's nothing quite like 3D demonstration of a lesson in the classroom. That's where 3D printers come in. This printer makes 3 dimensional objects from a thin layers of material aiding in visual representation of your lessons. Imagine teaching the human heart in your biology class, you will no longer be required to draw it on the traditional whiteboard/blackboard. You can conveniently print a 3D version with your latest 3D printer and make the lesson visually interesting for your students. A lot of schools in the US have already implemented use of 3D printers as a mandatory teaching technique, however, it's a long way until the gadget makes its way to all the classrooms.

# 3. Oculus VR



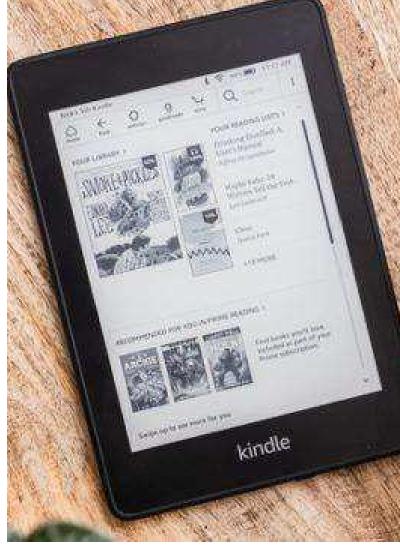


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### 4. E-Book Readers

Back in the day, it was impossible for teachers to go through countless books, never ending library visits and endless internet research for preparing one lecture at school. E-book readers have all brought it to one screen. Now you can skim through various eBooks, make notes, research the internet and eventually plan an entire lecture on your single e-book reader. It's a one window solution for all the planning and preparations that go in making a single lecture for your students. The biggest advantage of an eBook reader is that you get rid of all that extra baggage.





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dcom kling

Tired of losing those important papers you quickly jotted points on for your next lecture? Wascom's inkling is for you. It's a digital sketching tool, which assists you in creating sketches or making notes on any type of surface that resembles a paper. The inkling stores the notes/sketches in its memory and can be transferred to your laptop. The inkling is designed not only to support you in making notes but has a specialized nib that helps a great deal in sketching as well.



The inkling stores the notes/sketches in its memory and can be transferred to your laptop.



## 6. Interactive Touchjet Pond projection

Tired of old school projectors where you literally have to operate with the projector pen or your laptop screen? The Touchjet point projection is the solution. Using its stylus, you can now virtually turn any surface into your own touch screen. An amazing substitute to the old school projector, the Touchjet pond projector makes learning fun and interactive with its many features. The Touchjet Pond Touchscreen Projector comes with a very nice semi-rigid carrying case containing the projector and its accessories making it easy to carry around in different classrooms.



## 7. Document Camera

If giving your students individual attention to make them understand all the gory details of a project was a problem for you, the document camera is here to resolve that issue. Allowing teachers to turn individual assignments to group study, the document camera allows you to project any document or notes you just delivered to your students, on the screen so the entire class can view a particular assignment and indulge in discussion. The document camera can also be used as a highlighting tool.



## 3Doodler

Closely linked to the inkling, the 3Doodler is an affordable alternate to the usual 3D printer. Allowing you to draw 3D images, the 3Doodler is easy to carry and is quite an interactive tool for students keeping them engaged for long hours. The 3Doodler comes with an assortment of accessories including a nozzle set, pen stand and colorful materials including matte, clear and glossy textures. The doodler along with the right accessories help you create brilliant 3D visualizations.



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