



#### Presenter Name

Ms. Mamta Narula
PGT(Commerce) and Headmistress
DPS Vasant Kunj New Delhi
Online Portfolio: www.mamtanarula.weebly.com





# My school: DPS Vasant Kunj New Delhi

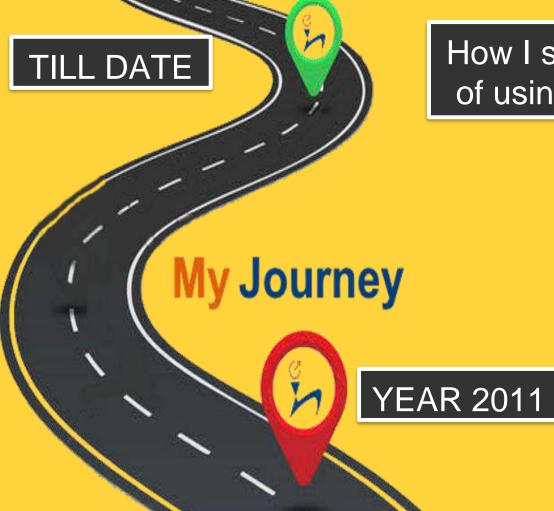


Ms. Mamta Narula
PGT(Commerce) and Headmistress









How I started my journey of using ICT in teaching



# My Inspiration



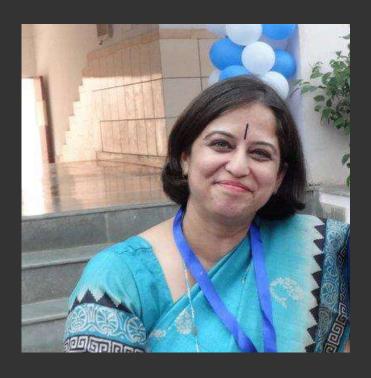
#### Ms. Himani Asija

National Information and Communication Technology (ICT) award by the President of India

#### Her Project:

Mathematical modeling in the diagnosis of cancer and its possible applications in the diagnosis of cancer was selected by Microsoft and she represented India in the 'World Wide Innovative Educators' Forum' at Cape Town

# My Inspiration



#### Ms. Rashmi Kathuria

National Information and Communication Technology (ICT) award by the President of India, on Teacher's Day in New Delhi.2010

#### Her work:

Experimenting with new technology and using it in her classroom for creating a better learning environment. She showcase the work done by her and her students through Blogs/Wikis and Social networks.

My Project



Subject: Business Studies

Class:11 &12

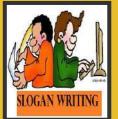


# Learning by doing

For maximum learning stress was more on doing things









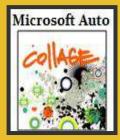






















#### Microsoft Innovative Leadership Award 2012



Microsoft World Wide Innovative Teacher's conference held in Prague, Czech Republic from 27th November-2nd December 2012

## Microsoft Global forum at Prague











## Microsoft Global forum at Prague



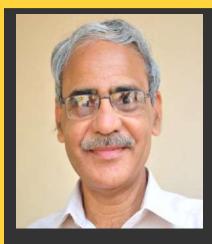








# My Inspiration





Mr. Hari Krishan Arya Director, Education department, Rajasthan

National Information and Communication Technology (ICT) award by the President of India, on Teacher's Day in New Delhi.2012

His work:

Outstanding efforts done for spreading Computer Literacy. He is actively involved in On-line teaching. Teaching virtually huge number of government Schools, having scarcity of teachers..

#### Teaching Government school students through Skype





#### Learning of ICT

































## Selected to participate in the Google Teacher Academy in Gurgaon, India in Dec 2014. Google Certified Teacher

















## Sharing ICT with My School and other DPS teachers















# Give Something Back International



GLOBAL VIRTUAL CLASSROOM CONTEST 2013/14

Gold Award for Outstanding Web Design

awarded to MamtaNarula

Delhi Public School, Vasant Kunj New Delhi, India

For website: Teenage Issues

Jaint Surnetalle

JANEY BARNSTARLE Project Manager Global Virtual Classroom Andrew T. Ezzett
President
Give Something Back International

Website designing competition \_organized by Give Something Back International (GSBI)

Littleton
High School
, Colorado,
USA

Salakhov's
Gymnasia
,Surgut ,Russia.

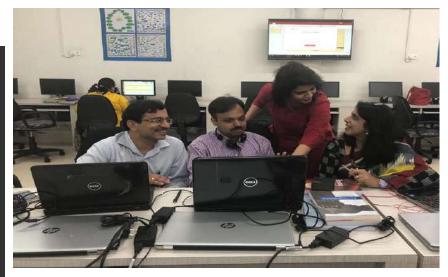






#### Association with NCERT

- Mapping the e-content of CIET, NCERT to the themes in the NCERT textbooks
- Theme mapping of Business Studies and Accountancy subject for NROER
- E-content Evaluator of NROER
- Development of contents for MOOCS for SWAYAM Portal





# NCERT Official You tube Channel

Recording

&

Evaluating existing content





#### Learning & Sharing ICT





#### ICT Mela

- Like -minded educators
- Learn from experts
- Get New Ideas
- Share Ideas

















Kellogg School of Management







Leeds University Business School

#### Subject Blog





# Microsoft Dubai Global Forum.

**Panelist for Educators Track Topic:** 

" Concepts and Contexts for Deep Learning"

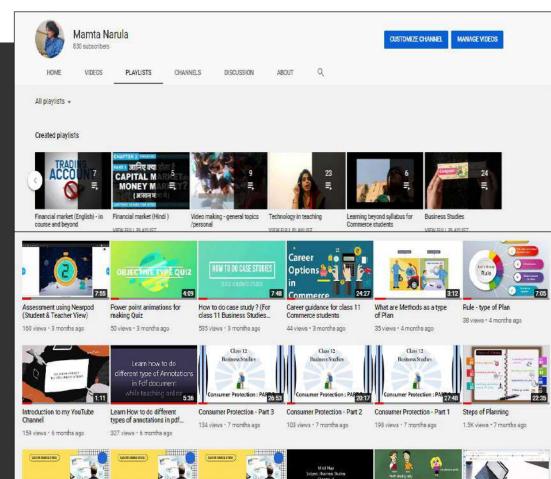




#### My tube Channel

Subject Videos

- **Technology Videos**
- **Financial Literacy Videos**
- Life skills videos
- Learning beyond syllabus
- Commerce events and competitions videos





BUSINESS

ENVIRONMENT



chapter - Part 2



Chapter - Part 1







Mind Map of Chapter - 1 Accounting treatment of How to take attendance in Nature & significance of ... Accumulated profits and ... Microsoft teams meeting...









#### **Association with CBSE**

- E-content of Accountancy for the DIKSHA portal
- Podcasts with CBSE Dehradun for Shiksha Vani App
- CBSE Capacity building workshops and webinars for teachers
- PRP (Prospective resource person ) training in Accountancy



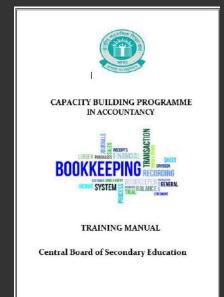








#### **CBSE Manual for teacher Training**



Use of Media and Technology in Accountancy

Game based learning

Art Integrated Learning

Use Of energizers



# SCERT Manual for teacher Training











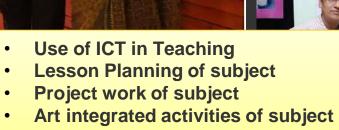
# SCERT teacher Training











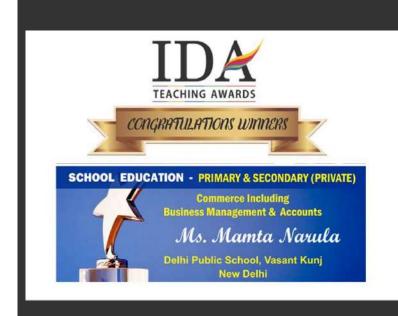


Experiential learning

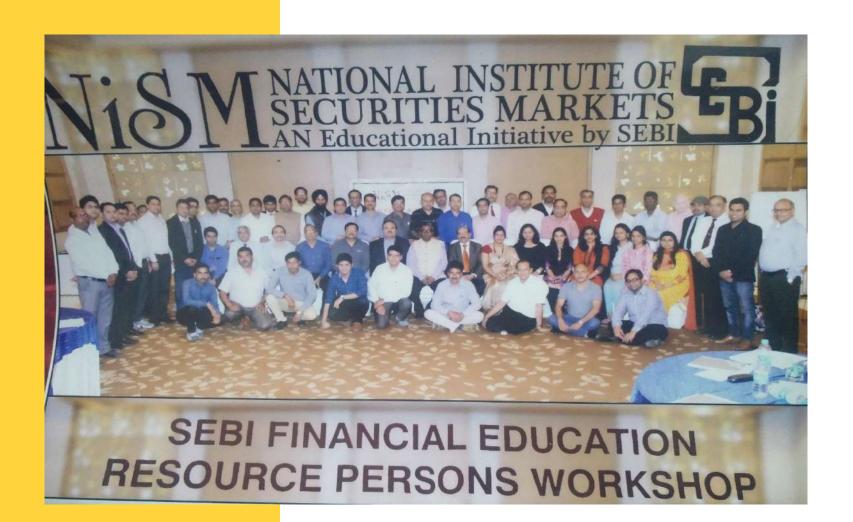
Innovative pedagogies in teaching



# IDA Teaching Award 2017 for Teaching excellence in Commerce By India Didatics Organisation







#### **SEBI Resource Person(RP) For Financial Literacy Workshops**

















# INVESTMENT CAMP

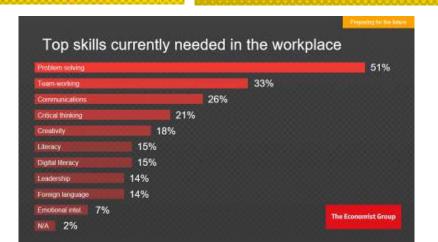


## Idea behind my Project Activity

How can I make my teaching interesting and learning enjoyable???



Are we preparing our students for the skills needed in future ???



### Multidisciplinary approach

These tools helps students to explore and collect information and to link knowledge of different subjects.



# Project MONEY MATTERS MATTER





www.moneymatters123.weebly.com

# Project MONEY MATTERS MATTER



www.moneymatters123.weebly.com

### **SHRESHTH-Distinguished Teachers Award**

by ANMI(Association Of National Exchanges Members Of India))
& BSE(Bombay stock exchange)









Financial Literacy activities

Entrepreneurship activities



Art Integrated activities



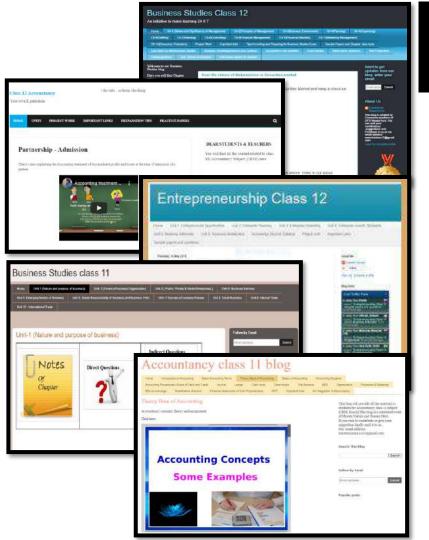
Project
Based
Learning

Competitions & events



# http://commerceevents.blogspot.com/







### **Subject Blogs**



All things at one place

Makes learning independent of time and place





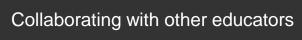
Showcase the students work

Active learning technology tools





Topics beyond syllabus





# An initiative to share technology tools with teachers My foorite Technology in leaching quotes Pages Technology tools Interesting Educational websites About me More...



### **Technology Blog & Facebook Group**



Sharing of Ideas



Tech tools tutorials



Collaborating with other educators

#### Make interactive content for teaching with Learningapps.org

July 19, 2020

Dear educators It is very important to incorporate interactive content in our online teaching. We can use Learning Apps for making small apps that can be used during the class or for self-studying. Link of the website: https://learningapps.org/ Check above video made by my ....



SHARE POST A COMMENT

READ MORE

#### Link of ICT webinars by CIET- NCERT

July 04, 2020

Dear educators Please find link of the webinar that were conducted to cover various themes related to Educational Technology (ET) and Information and Communication Technology (ICT) in education. You can find link to both the presentation and the video of webinars, These arms.

# Come see amazing presenters in under 5 mins! #NYSCATE19 Join @rob\_currin @mrshoward118 @m\_drez @MeghannWeis @DiaryofaTech @InsightPhilED @EdTechMcMillan @MAMTANARULA

in 5! Highland G #fab5



@RyanMcGTech @iliketech starts

### NYSCATE (Technology conference) at New York ,2019

#### **Fab 5 Presentations**

Presented my idea in 5 minutes



### Learning & Sharing ICT









### **UNESCO MGIEP: Digital Course**







# Learn to unlearn

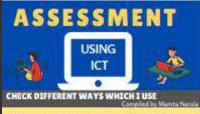


Knowledge shared equals knowledge squared.



### **Assessment strategies**





#### **ONLINE QUIZ TOOLS**

Excellent tools for formative assessment and also powerful classroom engagement Tool. I an see real time results which is based not only on correct responses but also the time taken by each student to answer a punctions. I use post reports to understand the weak awas of students which asslets in planning reinforcement of those weak areas

### Ouzizz



#### **GOOGLE & MICROSOFT FORMS**





These are very useful tools, not only for collecting data but also for conducting quizzes having variety of questions like MEQ., Fill in the blanks , True/blos. Matching , Ranking , short and Long answer type questions . It saves lot of time as objective type quiestions can be automatically marked. It also had applian where student can upload their work in form of PPT : Picture or video, also teacher can get result analysis quection wise and even student wise.

#### **POWER POINT QUIZ**

With the power of animations available in Power point ,we can make different type of quitties which can be used in class after completion of tools or chapter to check mudent's understanding. We can also send Quiz presentation to our students which can he played by students without internet connection also.





#### E-PORTFOLIOS

Students submitted their project work by making newsletters which can have bne soubly of skillinger test, segant other multi-media-content.



#### **ALL PICTURES & LINKS ARE CLICKABLE**

Video Totorials Enamples Link of Websites

Compiled by Mamta Narula

#### NEARPOD ASSESSMENT

Teachers can use Nearpod to support student learning in a sariety of wars, it give students opportunities for interaction and investigate fieldback by having them draw on a map or diagram, respond to a poll question, post a note or image to a collaboration board, or take a multiplechoice quiz. You can even get detailed reports of live legions as well as pell paced legions.









#### WHITEBOARD FI

Whiteboard if is simple tool that can be ared livetandy. So creating a class and letting your students join, everyone will get a digital whiteboard. You as a teacher see all your students' whiteboards in real time, so you can follow their progress. The students only see their own whiteboard and the teacher's. Students can either wite if they have digital pen or they can simply upload picture of

#### EDPUZZLE

ExPlicate is a five assessment-centered tool that allows teachers and students to create interactive online videos by embedding either open-ended or multiple-choice questions, sudio notes, audio tracks on comments on a video. Scholarde Interactive videos can be made with videos from a martier of websites, including YouTube; TED. Virneo, and National Geographic.





#### **LEARNING APPS**



We can use Learning Appe for making small appr that can be used during the class or for salf-enalying. You can either make your own app or you can also browse. and use the uppe already evaluable on the website categorized according to different subject Believe me multing these Apps store not require any technical skill.

#### HTML CODE FOR OUIZ

You can easily get read-made NTML code to make guiz that can be easily embedded in blog or website . It has simple interface and can be used by students any number of times and it does not require any



tig://betquiz blogspot.com/sms/

Check all the links

#### DO CHECK MY TECHNOLOGY IN TEACHING BLOG



Compiled by Mamta Narula

# **Business Idea**

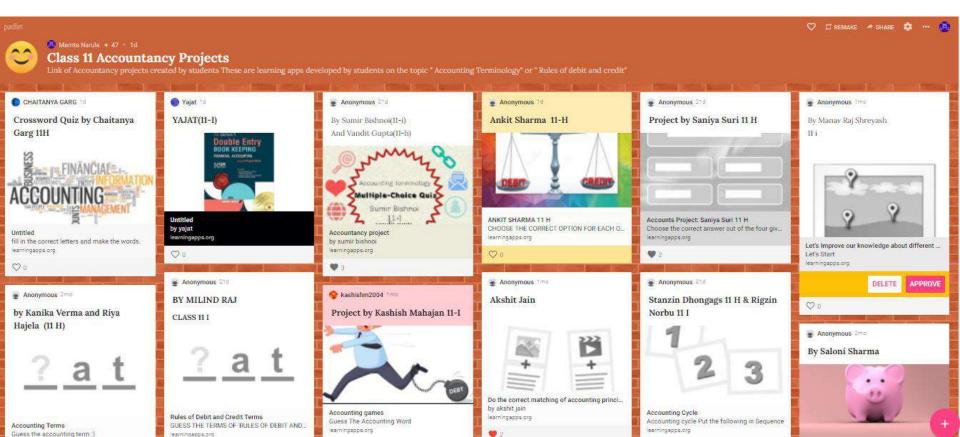
Students can be asked to give an innovative business idea and depict it through website making, presentation or video





# **Learning Apps**

https://padlet.com/narulamamta123/zufinfj3ntmbxu62



# Infographics





# QUALITATIVE CHARACTERISTICS OF ACCOUNTING INFORMATION

Must possess characteristics



#### RELIABILITY

Reliability means the users must be able to depend on the information. It should be free from error and bias and faithfully represents what it is meant to represent.





#### UNDERSTANDABLITY

Decision-makers must interpret accounting information in the same sense as it is prepared and conveyed to them.

#### COMPARABILITY

Users of the general purpose financial reports are able to compare various aspects of an entity over different time period and with other entities.





#### RELEVANCE

information must be available in time, must help in prediction and feedback; and must influence the decisions of users.

QUALITATIVE CHARACTERISTICS ARE THE ATTRIBUTES OF ACCOUNTING INFORMATION WHICH TEND TO ENHANCE ITS UNDERSTANDABILITY AND USEFULNESS.

# **Game based Learning**





Colin Dodds - Debit Credit Theory (Accounting Rap Song)



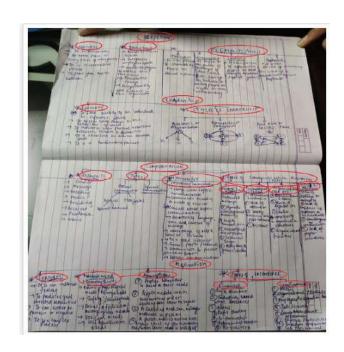
[CLEAR HAI] [ACCOUNTANCY RAP] [DPS VK] [NEW RAP SONGS 2020] (Prod By IBSEN PRODUCER)

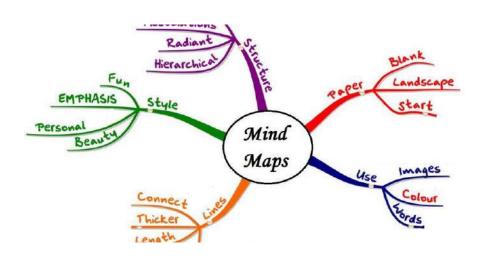
#### **MIND MAP**

### HAND MADE MIND MAP

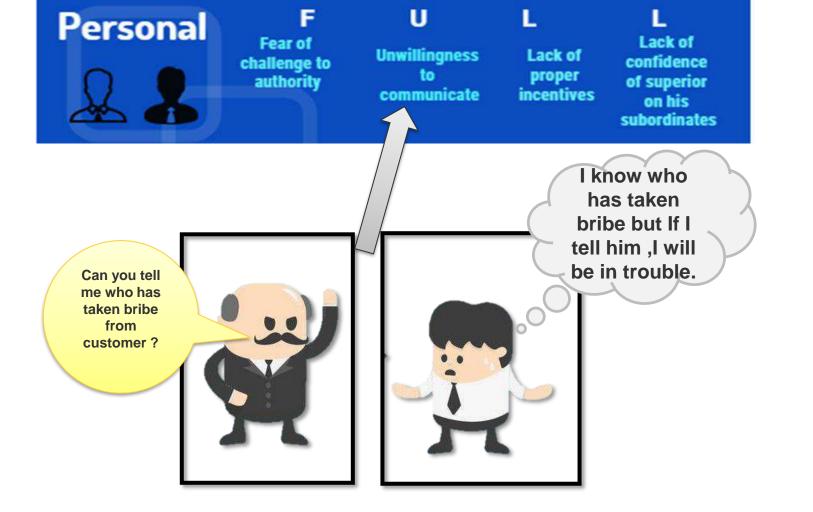


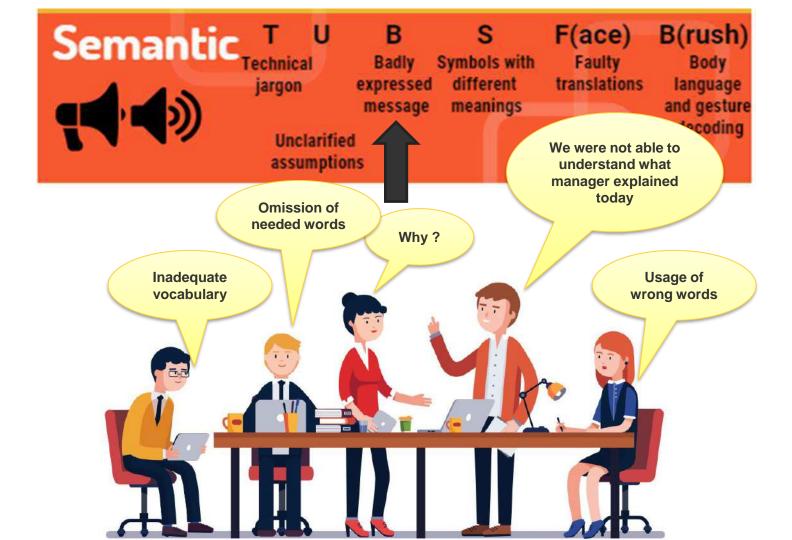
# CLICKABLE ONLINE MIND MAP





https://gitmind.com/app/docs/m1cquqft





# Psychological L(ets) L(ike) D(isplay) P(icture)



Lack of attention

Loss by transmission and poor retention Distrust

Premature evaluation

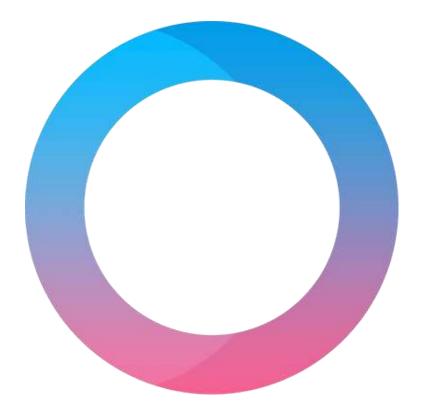
I do not want to listen to him as he always tell lies



https://www.storyboardthat.com/storyboards/3266eeba/accounting-vocab

COMIX:



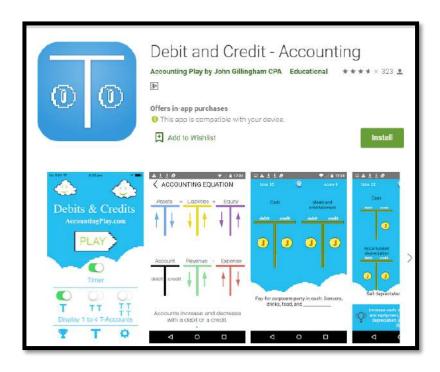


# IMAGE

#### How to write cheque correctly

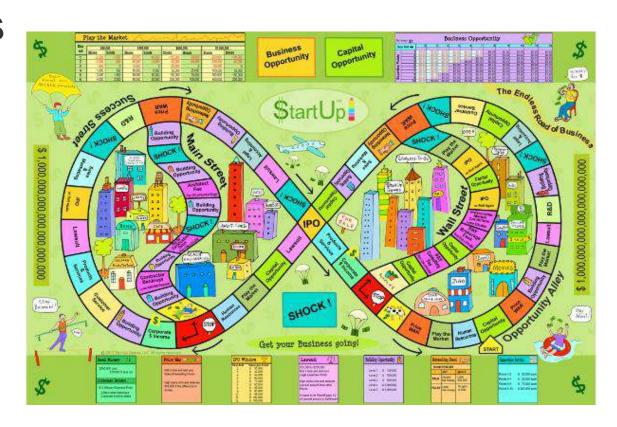
HDFC BANK	HEMESKER	SONMONNUMBER	DUBBESSE	Da	te / दिनांक :	
PAY 💍	OR BEAR				BEARER/या	A /या चारक 🤇
RUPEES / रुपये						
			अदा करे	Rs./%.	0	
A/c No.	SBAIC					
IOFC BANK LTD. / TOTOTHE B ST FLOOR, RENTON TOWER NEAR KAL (AZHITHACALID, TRYANDRISH HIS CH.) ST WIT. NICH CITY COMMENT BOTH, SPORTS TOWN COMMENT BOTH.		RTOS / NEFT IFSC : HDFC0000	661			0

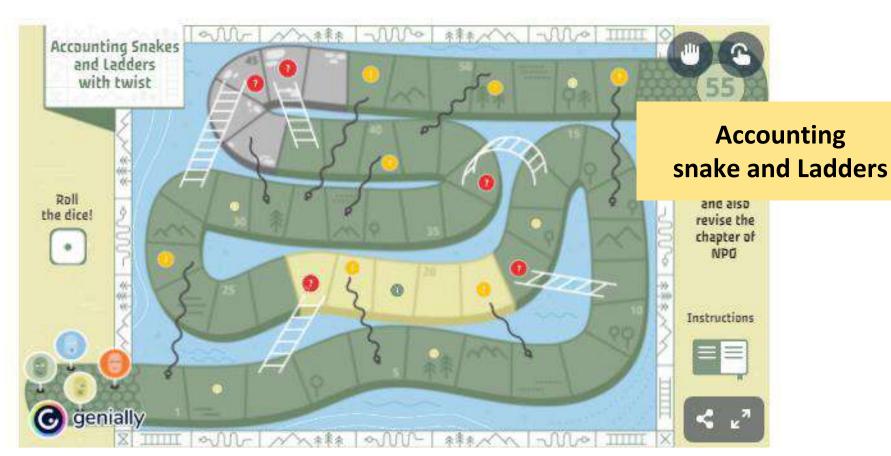
# Accounting Apps





# Accounting board games





https://class12ac.blogspot.com/2021/05/board-game-based-on-chapter-npo.html



# Animated Videos



Try this Jeopardy quiz based on Book 2 Of Business Studies

Financial Management	Financial Market	Marketing	Consumer Protection			
100	100	100	100			
200	200	200	200			
300	300	300	300			
400	400	400	400			
500	500	500	500			
Free Jeopardy Template from JeopardyLabs!						

# Discussion **Boards** Or Collaborative boards



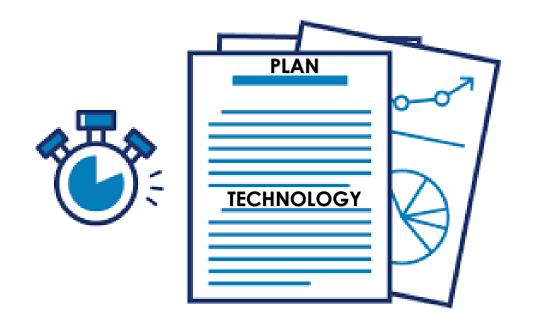
# Interactive worksheets



https://bstclass12.blogspot.com/2021/05/test-your-knowledge-maslows-need.html

### **Leveraging: Technology tools**

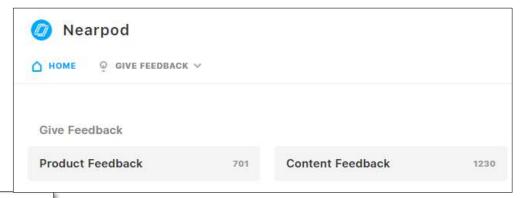




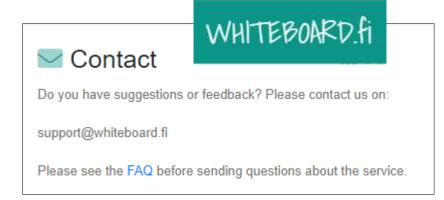
# Technology should not be your plan Rather it should be part of your plan

#### Development of any innovative software useful for teaching-learning- assessment









### Students outcome

The learning experience is not bound by classroom walls, Students did work which had a meaningful impact on communities

- Helped maids in opening bank accounts
- Arranged funds for needy through KETTO crowdfuding Platform
- Opened there small entrepreneurship ventures
- Made Website, Blogs and awareness Videos
- Increase in the interest level of students in class, confidence and better grades too



#### Painting Wall of Government school



Meet Mrs. Mamta Narula, a teacher at DPS VK, New Delhi... who has just taught us all a lesson which is not a part of any school or college curriculum but surely a lesson which can make us all better human beings! 
Thanks a lot ma'am! 
Nou've made us proud and really encouraged us to do more!

Feed-A-Kid added 7 new photos — with Mamta Narula.



Participating in Social work done by students





# THANKS!

Mamta Narula Teacher, D.P.S Vasant Kunj, New Delhi





narulamamta123@gmail.com



@MAMTANARULA



mamtanarula1234

Technology will not replace great teachers but technology in the hands of great teachers can be transformational

- George Couros



Website: mamtanarula.weebly.com

# What are your future Plans?

### **FUTURE PLANS**



#### **Teacher Training**

For teachers new and old to Technology



# **Development of Technology Courses**

With educational bodies



# Collaboration with educators

Of different regions and countries

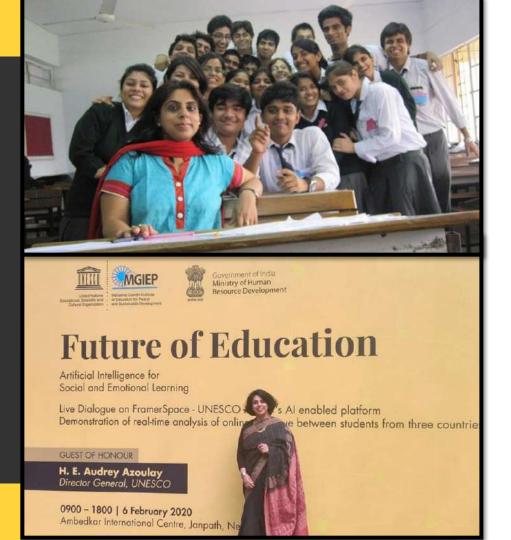


# Representing my country

At International events & learning their best practices

# My Students, My biggest inspiration

Preparing Quality teaching material and following innovative pedagogies to prepare students for future.



# Share few ideas for our viewers on how can they learn technology?

## **Learning resources**

