



# **YOLEARN**

**ONLINE LEARNING PORTAL**

## About the course

- We offer Foundation Program for Maths and Science subjects of **CBSE class 6 to 10** through live interactive classes by the best teachers in India.
- Prime focus on student`s conceptual understanding and Problem solving skills.
- Concepts & Problems will be taught from basics to advanced level to prepare the students for future competitive examinations.
- This program embedded with a short term crash course for IMO & ISO (before the exam).
- Quick revisions and model question paper discussions before the summative and Final Exams.
- Students assessment will be done periodically through assignments and tests.



## **HOW IT WORKS**

- Classes will be conducted online through virtual classrooms.
- Teacher log in to the classroom from our resource center in India using a secure internet connection.
- All the students log in to their respective computer/ laptop/ tab right from their home or any other place which has internet connectivity.

## **HOW IT LOOKS**

- In the virtual classroom, part of the computer screen is used for white board, on which teacher can write using his digital gadgets, even he can give a presentation etc, This white board in virtual classroom is similar to the black boards in traditional classrooms.
- Part of the screen is used as a chat window , where all participants can communicate with the teacher and with other students as well.

- Here is a screen shot of one of our online live class

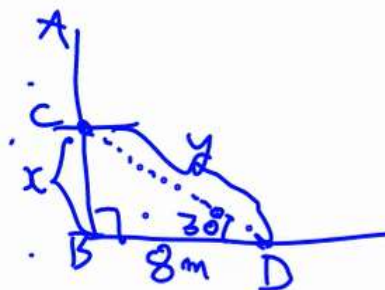
Collaborative Whiteboard x +

yolearn.disprz.com//livesession.html

5

**Example:**

➤ A tree breaks due to storm and the broken part bends so that the top of the tree touches the ground making an angle of  $30^\circ$  with it. The distance between the foot of the tree to the point where the top touches the ground is 8m. Find the height of the tree.



$\cos 30^\circ = \frac{8}{x}$   
 $\frac{\sqrt{3}}{2} = \frac{8}{x}$   
 $\sqrt{3} \cdot x = 16$   
 $x = \frac{16}{\sqrt{3}}$

$\tan 30^\circ = \frac{x}{8}$   
 $\frac{1}{\sqrt{3}} = \frac{x}{8} \Rightarrow x = \frac{8}{\sqrt{3}}$

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Chat

Private Chat

$x/8 = 1/\text{sq.root of } 3$   
 adj  
 opp  
 tan  
 cot  
 30  
 $\tan 30 = x/8$   
 i have a doubt  
 can i speak  
 yes sir  
 yes si  
 yes sir

Messages get sent to all participants



- Online classes offer video, audio and text interaction for students.
- This means students can chat with the teacher during the class.
- Also, Students and teacher can talk with each other.
- The teacher as well as the students can also use the video option (web cam is required for this) if they wish to do so.



## **Teacher & Student Interaction**

- Often times, parents & students ask about the level of interaction in a virtual classroom. Since the teacher is not actually in front of the students, does the level of interaction in the class go down?
- The answer is definitely “NO”
- Students can interact with the teacher to clear their doubts either by texting in the chat window or by talking to the teacher directly using mic and get their doubts cleared there and then itself.
- In fact, online classes works better in this aspect, often students hesitates or feel shy to ask their doubts in the traditional classes, but in live classes students feel free to ask the questions being lone and attending the class from home which makes them comfortable and overcome that phobia.



## **RECORDED CLASS**

Every live class will be recorded just as it happens including the faculty's explanation, presentations, audio and video inputs. It will capture the conversations in between students and also with teacher as it is.

Students have unlimited access to these recorded classes for the whole year, which is very useful for them either to attend a missed class or to master any complex topics.



Here is a screenshot of recorded class

Recorded Session Replay

yolearn.disprz.com//Replay.html

Trigonometry  
31:57 runtime

3

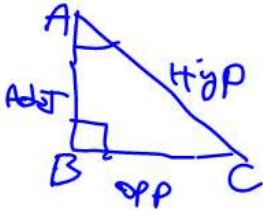
⏮ ⏪ ⏩ ⏭

$\sin A = \frac{\text{Opposite side to A}}{\text{Hypotenuse}}$

$\cos A = \frac{\text{Adjacent side to A}}{\text{Hypotenuse}}$

$\tan A = \frac{\text{Opposite}}{\text{Adjacent}}$

And Reciprocals are cosec  $\theta$ , Sec $\theta$ , cot $\theta$ .



Me 6

GC

Me reciprocal of these 3

GC

Me cosec

GC

Me sec

GC

Me cot

GC

Me ok si

08:51 23:06 1x

Start

5:49 PM 4/1/2020

## Advantages

- Online Classes help us to bring the best and experienced faculty from all over the world to you.
- Offers incomparable convenience and flexibility. You can attend the class from home, office, internet café or any other place which has an internet connection.
- You don't even need to waste time and money traveling to the tuitions. We bring it to you right at your desk.



THANK YOU