

DEVELOPER: Kristian Hoeyland-Kroghsbo

[\(48\) Kristian Høyland-Kroghsbo | LinkedIn](#)

EQUIPMENT:

Computer, digital tablet and pen (e.g.Wacom One) or ipad

LICENSES:

“Itslearning” -learning platform

Other learning platforms can also be used

OTHER:

Internet connection; ZOOM for video recording, screen sharing and white board; Powerpoint

LINKS:

<https://itslearning.com/global/>

**TYPE and
TARGET GROUPS**

Participatory online teaching and learning method
Students of all ages, capable of using a computer



DESCRIPTION:

With the learning platform “Itslearning”, we are able to create an online learning path, that lets the student study when it suits them, and they can revisit all the materials (videos, documents etc.) at any time.

The screenshot on next page shows an example of a lecture about “triangles and trigonometry” in math.

Education videos can be created to show calculations or experiments (physics), and lectures can be summarized in 5 – 10 minutes videos. The students can watch and re-watch the videos at any time.

WHY I RECOMMEND THIS BEST PRACTISE:

It takes a lot of time to make an “online learning path”, but once it is completed, the teachers can use it as a “flip the classroom” event as well, so the students can watch the video before entering the class.

I recommend making “online learning paths” on small subjects, to keep the videos, reading etc. around 5 minutes. My experience has shown that longer videos makes the students unmotivated. and they give up.

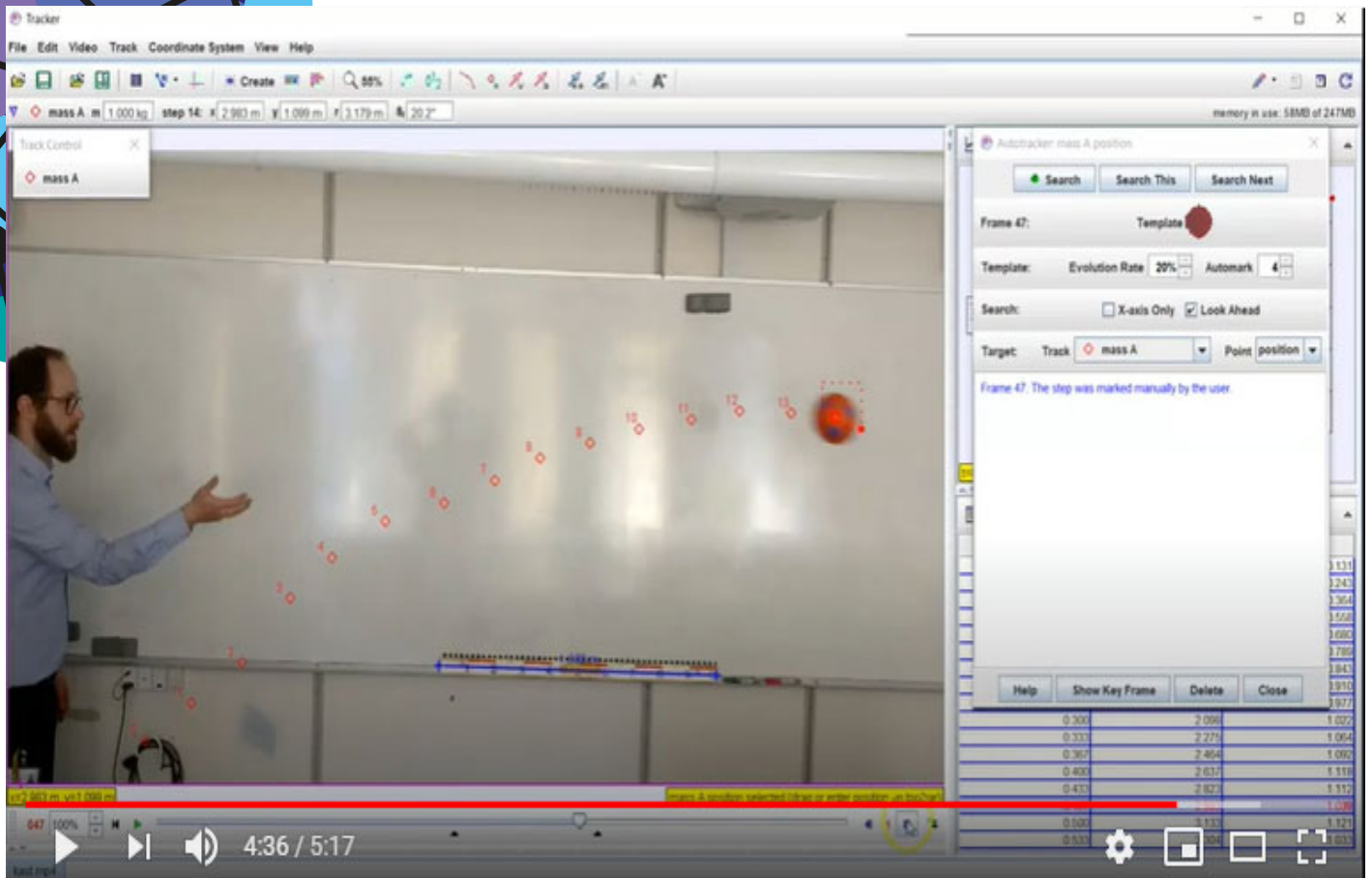
There are multiply reasons why I recommend making online learning paths for students:

It gives the students the flexibility to study when they are most motivated and ready

Students can re-watch all the material at any time and in any pace they wish

If students are sick, they will still be able to get the information and watch the experiments or calculations.





Instructional video about using a program to analyse an experiment

The screenshot shows the ITS Learning platform interface for the subject 'Geometri og trigonometri'. The interface includes a navigation menu, a search bar, and a list of plans. The 'Plan' column contains the text '23.03 Trekanten - 2 lektioner'. The 'Beskrivelse' column contains a list of topics to be learned and a note about a test. The 'Ressourcer og aktiviteter' column lists various resources and activities, including videos, books, and quizzes.

Subject

Short description to the students

Activities the students can perform.
 We recommend completing them all but only the test is mandatory. So if a student doesn't get anything from reading they can skip it.
 All activities can be completed and revisited at any time.

Explained in details in the following

