

# Flipped Classroom Starter Kit

5 Steps to Flip Your First Lesson — Even If You've Never Done It Before

By Dr. Peter Esperanza • Apple Distinguished Educator • 16M+ Learners Reached

Math Professor | YouTube Educator | International Speaker | Numberbender Inc.

## 1 Record a Short Instructional Video

Aim for 8-12 minutes max. Use your phone, Loom, or OBS. Focus on ONE concept only. Don't aim for perfect — aim for clear. Students watch at their own pace and can rewind.

## 2 Add an Active Viewing Task

Pair the video with something students must DO while watching — a note-taking guide, a Google Form with 2-3 comprehension questions, or an Edpuzzle quiz embedded in the video.

## 3 Use Class Time for Practice & Discussion

Class time is now for problems, projects, and peer collaboration — not lecture. Walk around, ask guiding questions, and give targeted help to students who need it.

## 4 Start With Just ONE Unit

Pick your hardest-to-teach topic. Flip only that unit first. Refine your process before expanding. Most teachers who try to flip everything at once burn out.

## 5 Build Your Video Library Over Time

After each term, you accumulate reusable videos. By Year 2, you spend less time lecturing and more time actually teaching. That's the real payoff of flipping.

## BEFORE YOU RECORD

- Pick your topic — one concept, not a whole chapter
- Write a 3-5 bullet outline (not a full script)
- Set up your recording space (decent light, quiet room)
- Test audio — bad audio kills engagement faster than bad video
- Choose your tool: Loom, OBS, Keynote, or phone camera

## WHILE RECORDING

- Start with: 'By the end of this video, you will be able to...'
- Keep it under 12 minutes — break longer topics into parts
- Write on screen or annotate as you explain
- Don't re-record for small mistakes — students don't mind
- End with a clear question or task for class time

## BEFORE CLASS

- Share video link + viewing guide (Google Form or worksheet)
- Set a clear deadline (e.g., watch before Thursday class)
- Prep 2-3 class activities based on the video content
- Have a backup plan for students who didn't watch

## DURING CLASS

- Start with a quick review of the video (5 min max)
- Move into group work, practice problems, or projects
- Circulate — target students who struggled with the video
- Save lecture for moments when the whole class is confused

## AFTER YOUR FIRST FLIP

- Ask students: What worked? What was confusing?
- Save the video — you can reuse it next semester
- Note what to improve before you record the next one
- Celebrate — you just flipped your first lesson!

## RECOMMENDED TOOLS

### VIDEO CREATION

- Loom (free)
- OBS Studio (free)
- Keynote / PowerPoint
- Phone + tripod

### STUDENT ENGAGEMENT

- Edpuzzle
- Google Forms
- Nearpod
- Padlet

### VIDEO HOSTING

- YouTube (unlisted ok)
- Google Drive
- Vimeo
- Canvas / LMS

## DR. E'S #1 TIP

*"Your first video will be your worst video — and that's okay. Record it anyway. Ship it. Improve the next one."*

## MORE FREE RESOURCES

- 800+ free math videos
- Flipped Classroom Guide
- EduTuber Training (TILYSI)
- Speaking & Workshop Info
- Teacher Resources Hub