

Universidad Autónoma de Chiriquí
School of English
Humanities Division

Eng. 420
Materials Development

Facilitator
Ms. Marisol Barraza

Students: Joel Ledezma
Victor Madrid

Smart Boards

Introduction

“Technology can become the ‘wings’ that will allow the educational world to fly farther and faster than ever before—if we will allow it”

- Jenny Arledge

Smart boards are useful tools for teaching because they can engage students to learn better and promote enthusiasm for learning.

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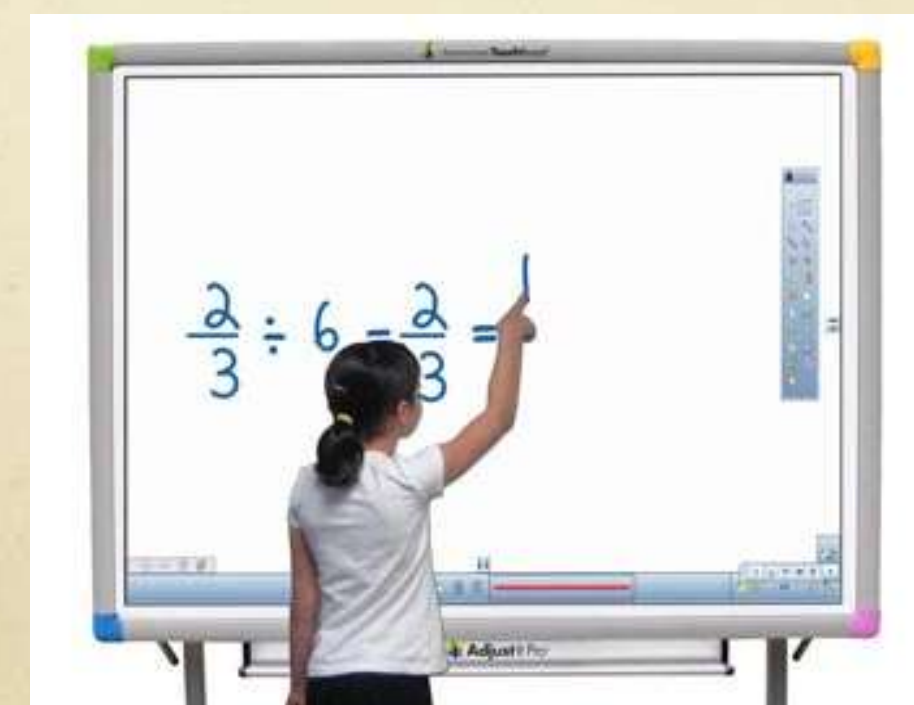
Definitions

- It is a touch sensitive screen.
- Works in conjunction with a computer and a projector.
- Smart Technology Inc. 1991



Leading brands

- Promethean
- Mimio
- Numonics
- elInstruction's
- Polyvision



The interactive whiteboard in a learning environment

- Manipulating text and images.
- Making notes in digital ink.
- Saving notes for later review.
- Viewing websites as a group.
- Demonstrating or using software.
- Creating a digital lesson.
- Showcasing student's presentations.



Interactive whiteboards enhance lesson preparation

- Shortening start-up time.
- Motivating teachers.
- Enabling teachers to save notes



Advantages using Smart Boards

- Can be used by children of all ages.
- Can be used by children with disabilities.
- Promotes interactive learning.
- Promotes group collaboration.
- Help teachers enhance their lesson.



Disadvantages using Smart Boards

- They are very expensive.
- They are used as a substitute for the whiteboard.
- Teachers are not getting training.
- Can distract students.
- Teachers need to have emergency lesson plans.



Classroom applications for using interactive whiteboards

- Multimedia lessons and audio-video presentations.
- Collaborative problem solving.
- Showcasing student projects and presentations.
- Virtual field trips.
- Recorded lessons that can be used by teachers.
- Documentation of student achievement.



Reaching out: Learning styles and special needs

- Visual learners.
- Kinesthetic or tactile learners.
- Deaf and hearing-impaired learners.
- Visually impaired students.
- Other students with special needs.



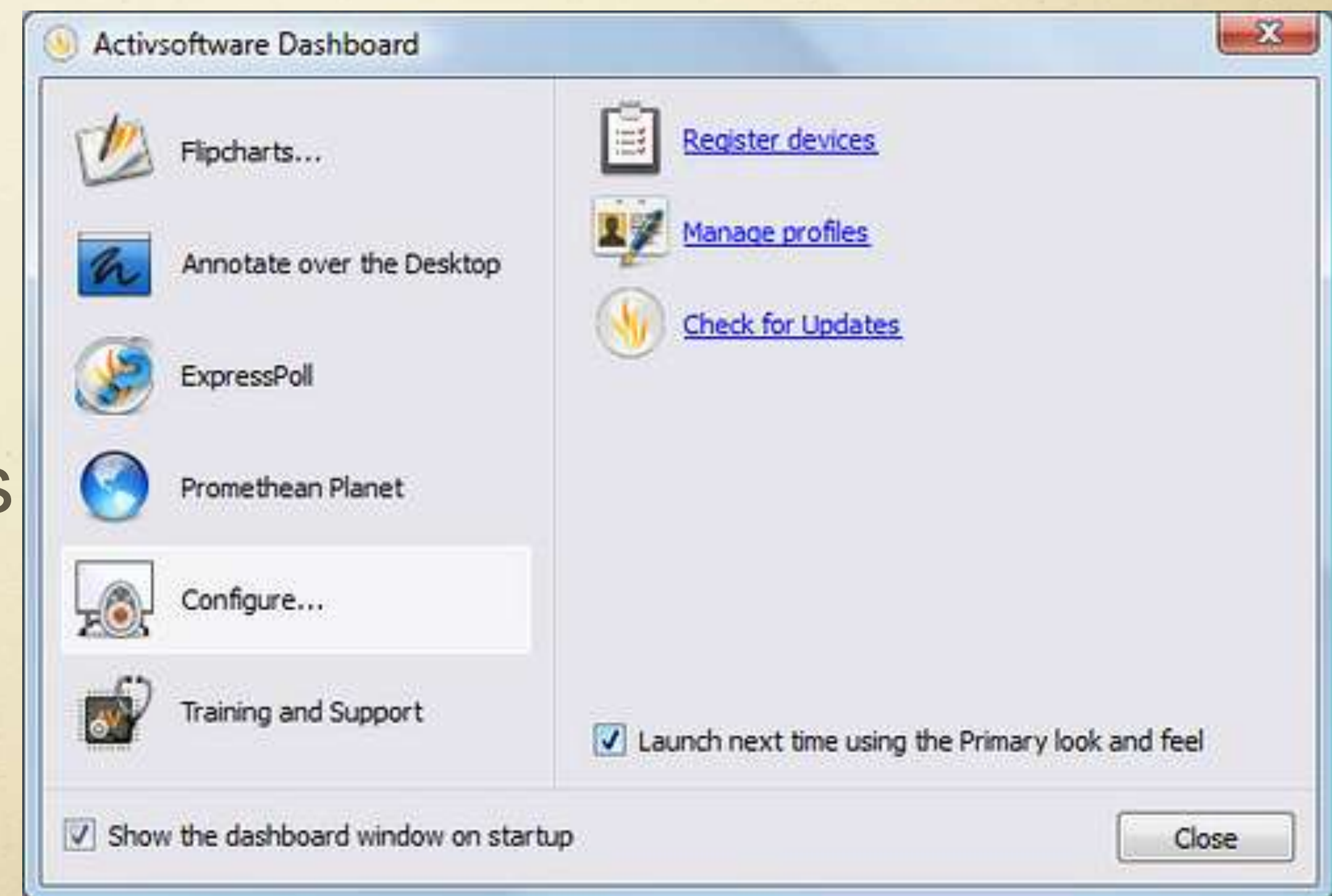
Tutorial

Things you can do

- Teach as with a traditional chalkboard.
- Write and draw.
- Save your pages as a flipchart file.
- Add pictures, movies and sounds.
- Quickly structure your lesson content.
- Add text.

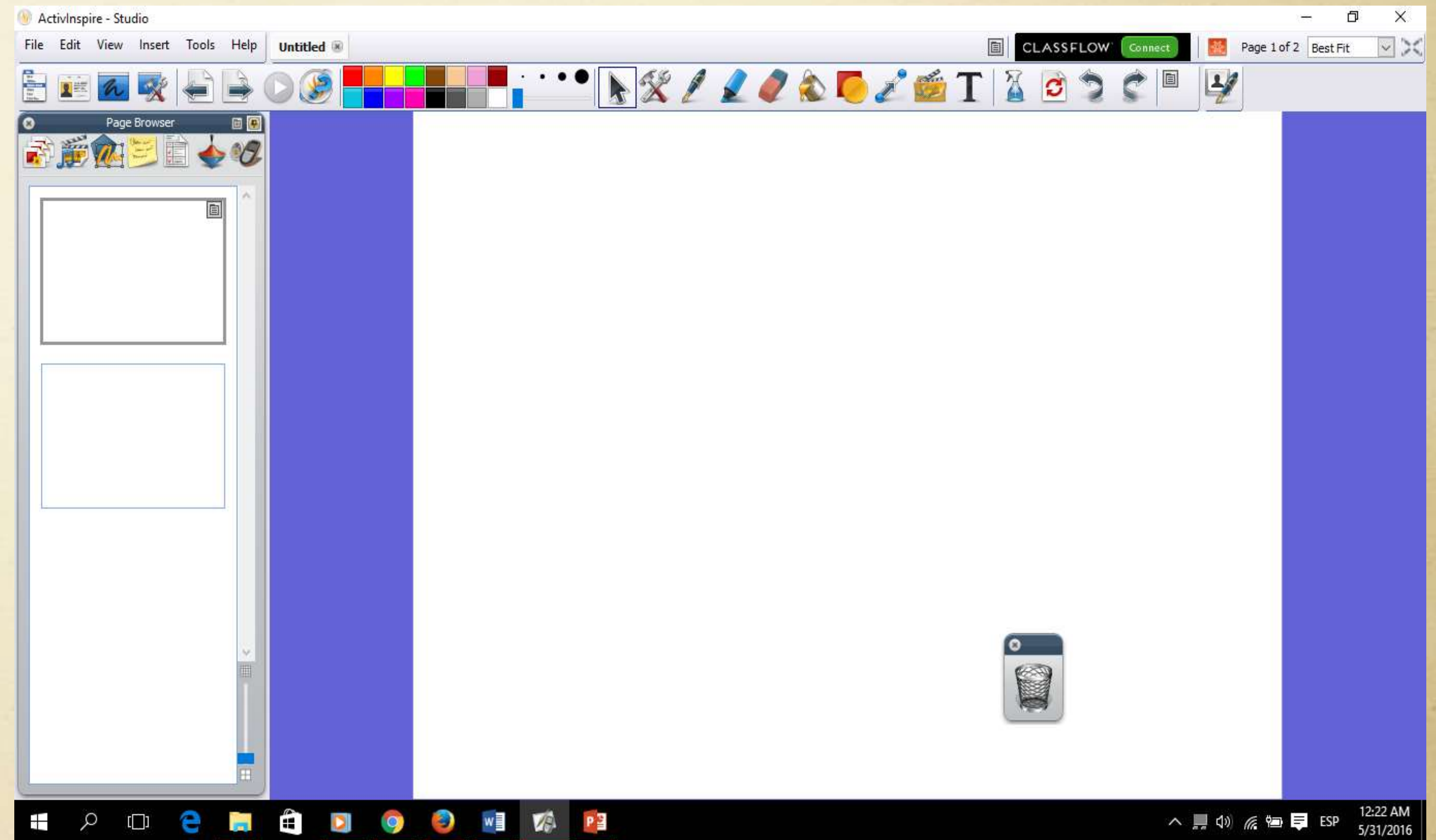
The Dashboard

- Choosing your initial preferences
- Shortcuts to flipcharts and useful tools



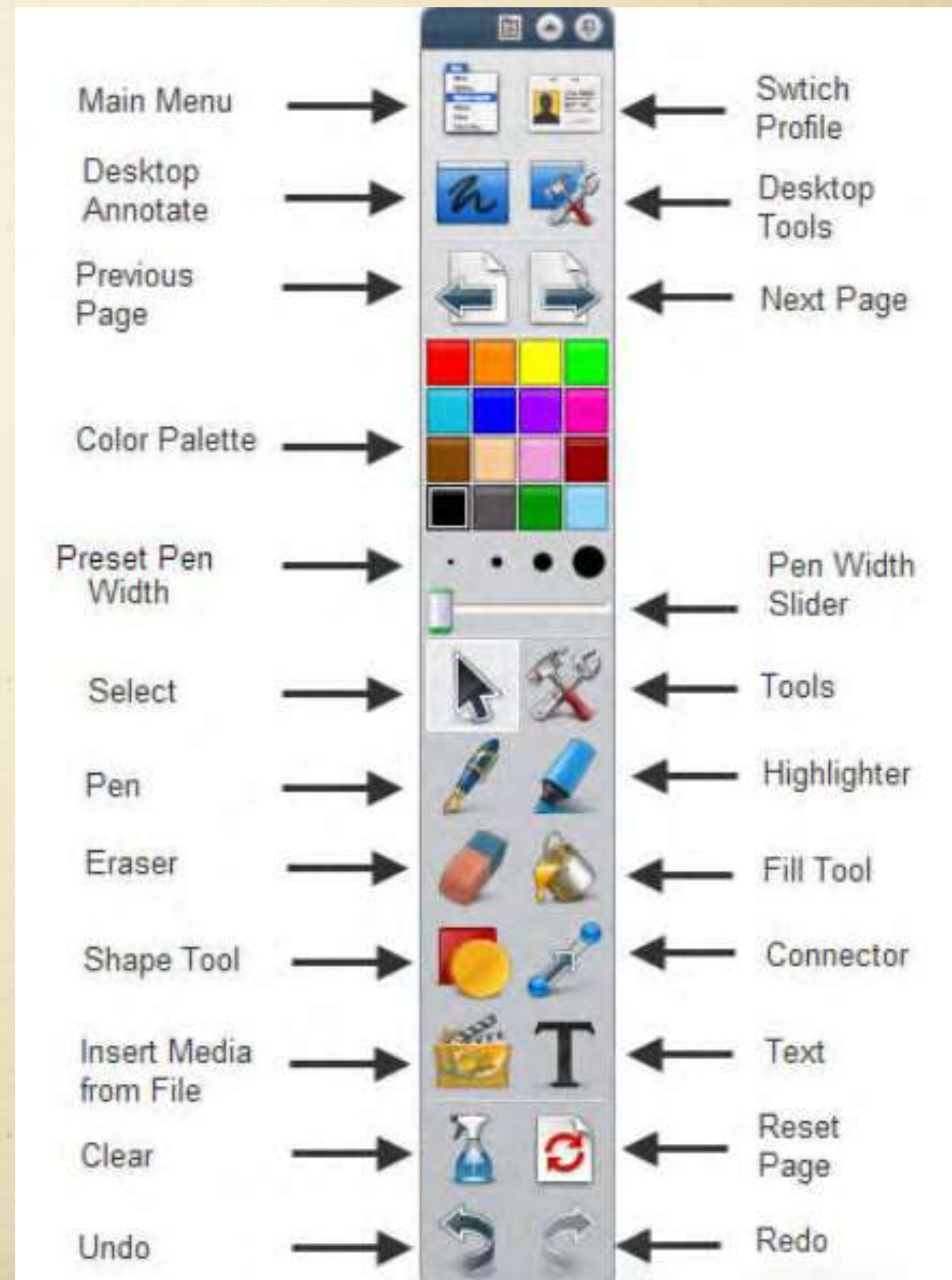
The ActivInspire Window.

- ActivInspire Professional
- ActivInspire Personal



The Main Toolbox

- It opens on your display when you start ActivInspire.
- It contains a set of the most popular tools.



The Browser

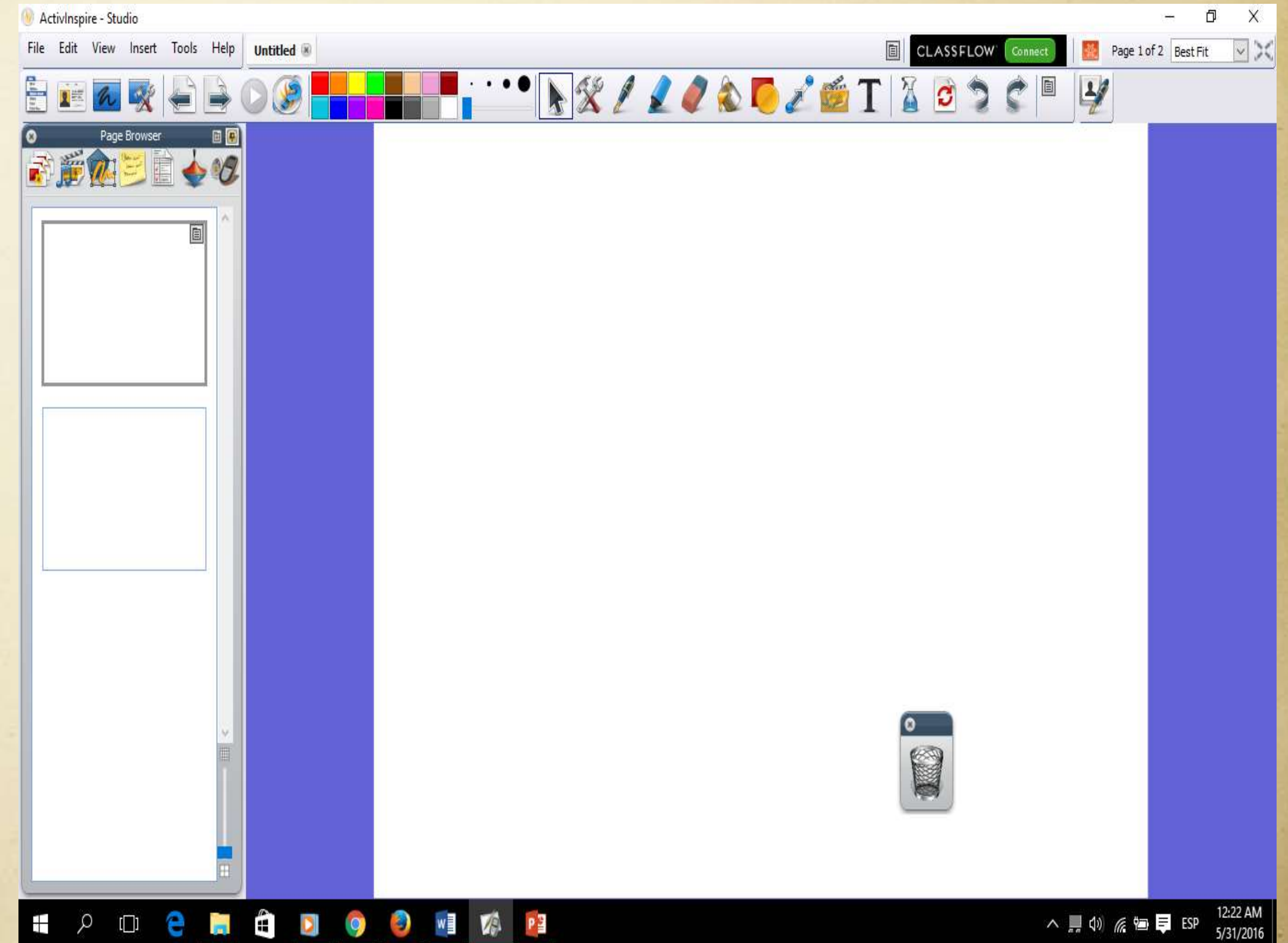
- Activinpire provide a browser for each major Area.

- Page Browser 
- Resource Browser 
- Object Browser 
- Notes Browser 
- Property Browser 
- Action Browser 
- Voting Browser 

Viewing a Flipchart

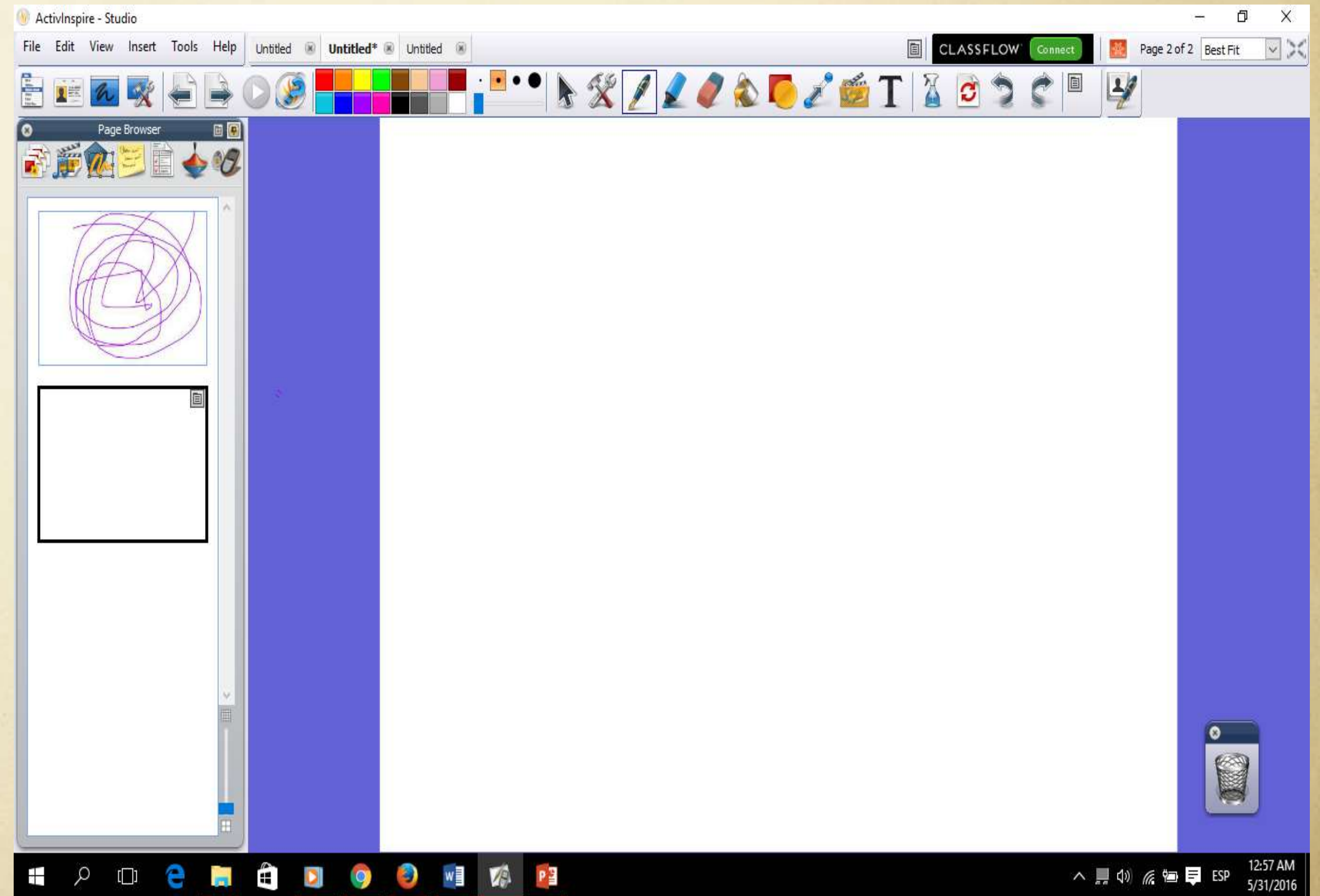
Ways to view a flipchart:

- View one page at a time
- Preview several pages at a time
- Increase and decrease the page size
- Zoom in and out
- Pan around the flipchart



Managing Multiple Flipcharts

- Every time you open or create another flipchart, a new Document Tab appears in the Document Bar



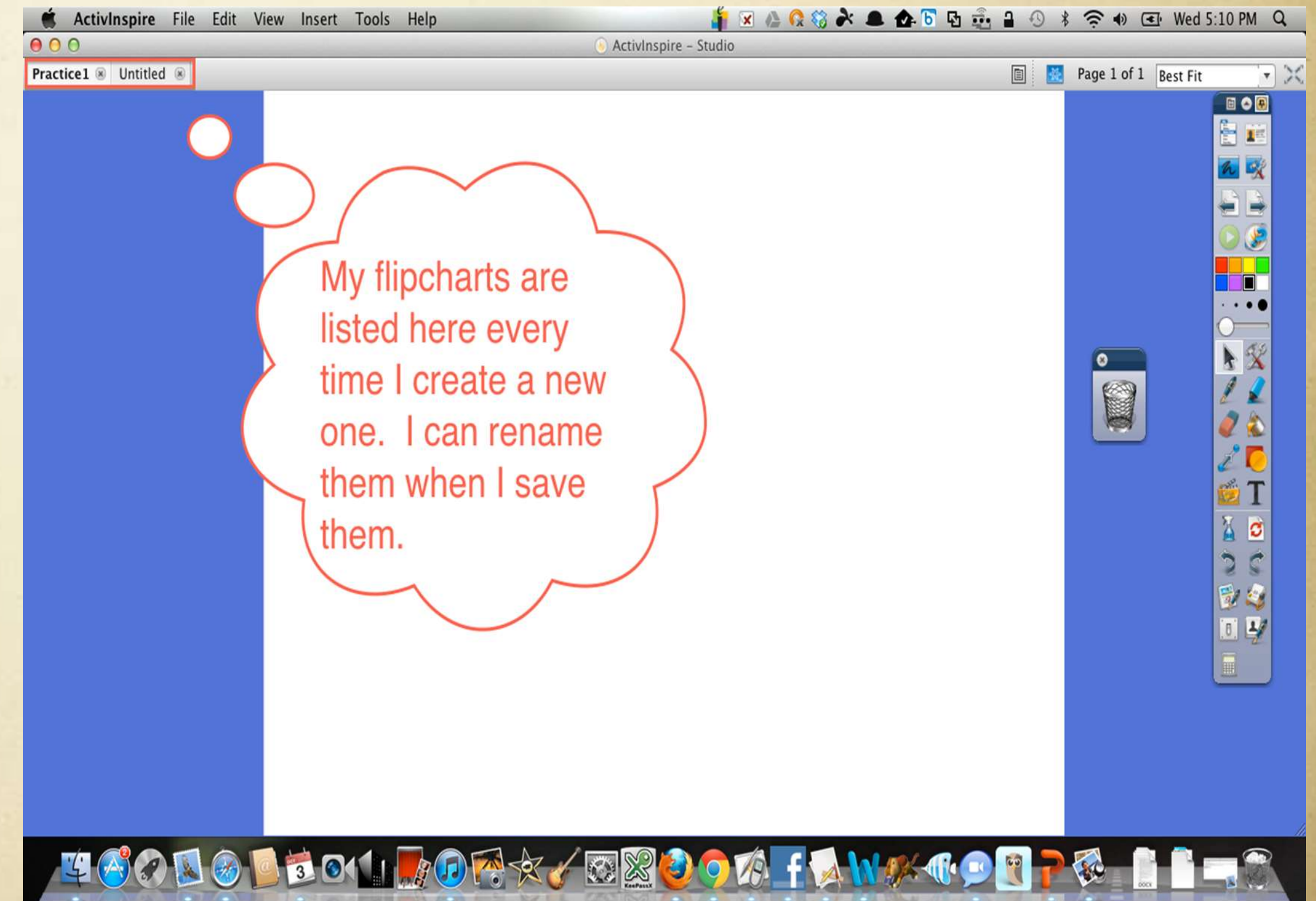
Authoring at your computer

- Click on Switch Profile.
- Select the Authoring profile from the drop-down list.



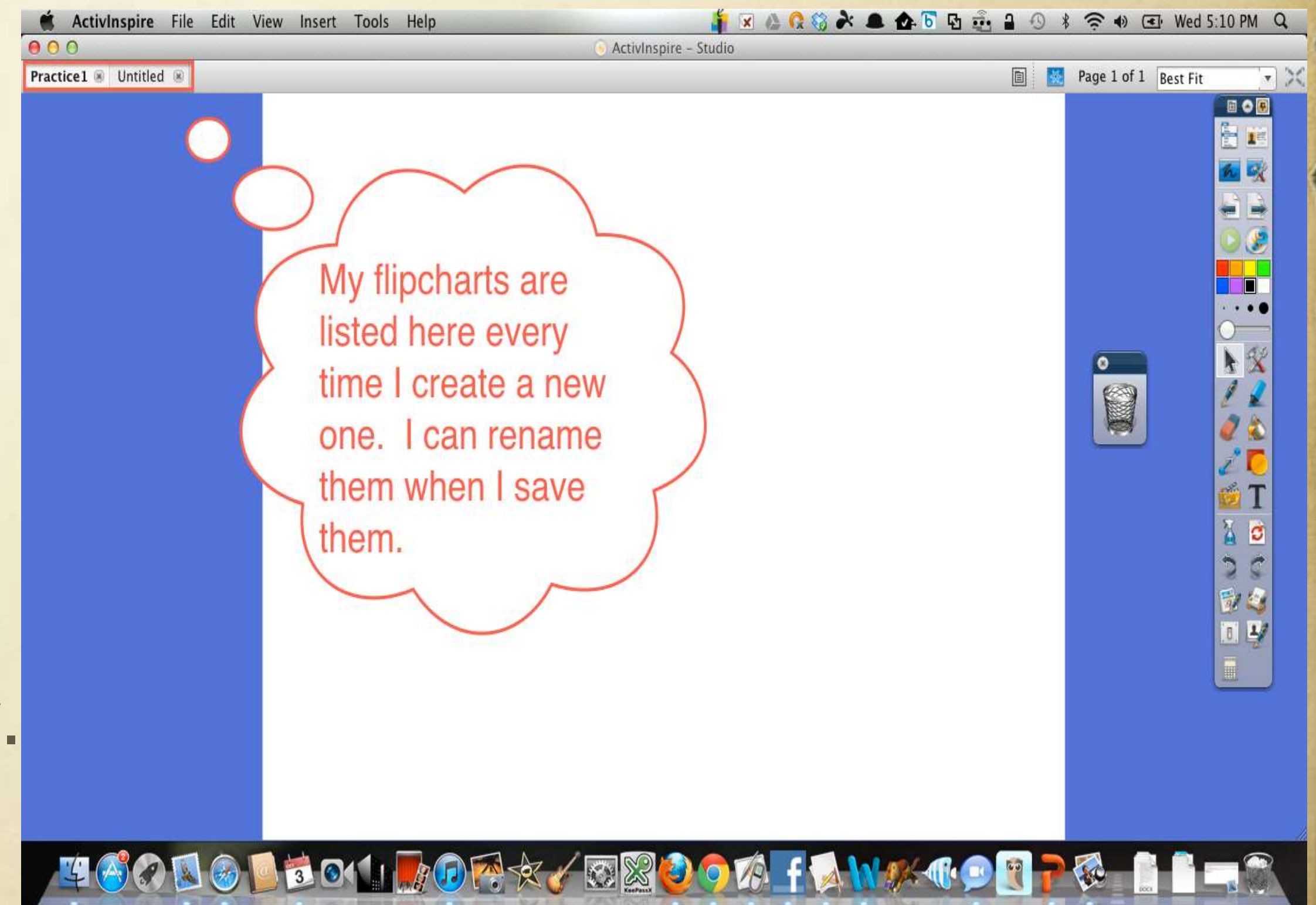
Presenting at the board

- Set the display to Fullscreen Mode (F5).
- Hide menus.
- Pin or dock the Main Toolbox.
- Add tools you intend to use.



Presenting at the board

- Remove any tools that you know you don't need from the Main Toolbox.
- Enable interactive elements, such as actions or links.
- Hide action objects.
- Open the Page or Resource Browser.
- Show the Trashcan.



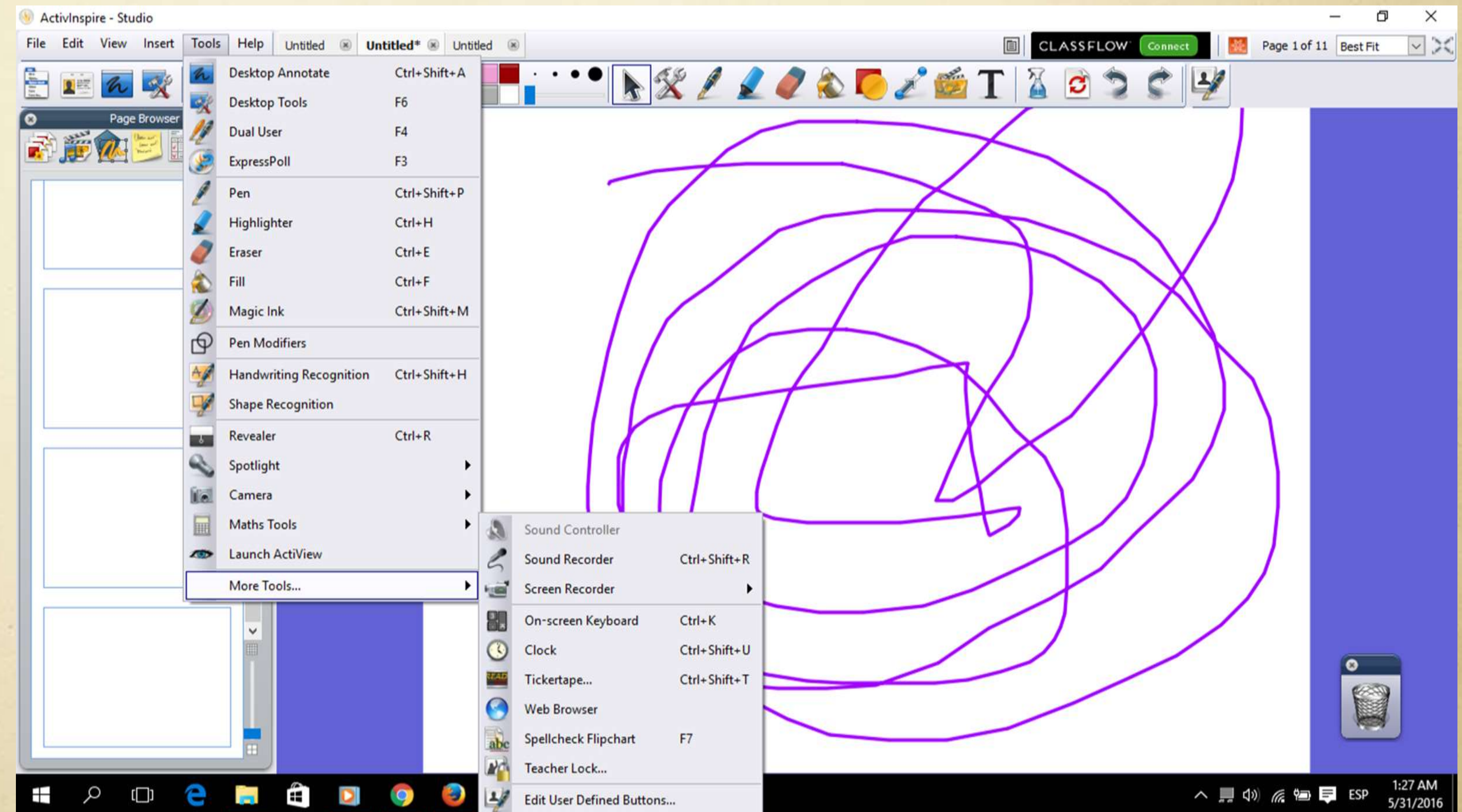
Collaborating at the board

- allowing two people to work interactively.
- this way of working is 'Dual User'.



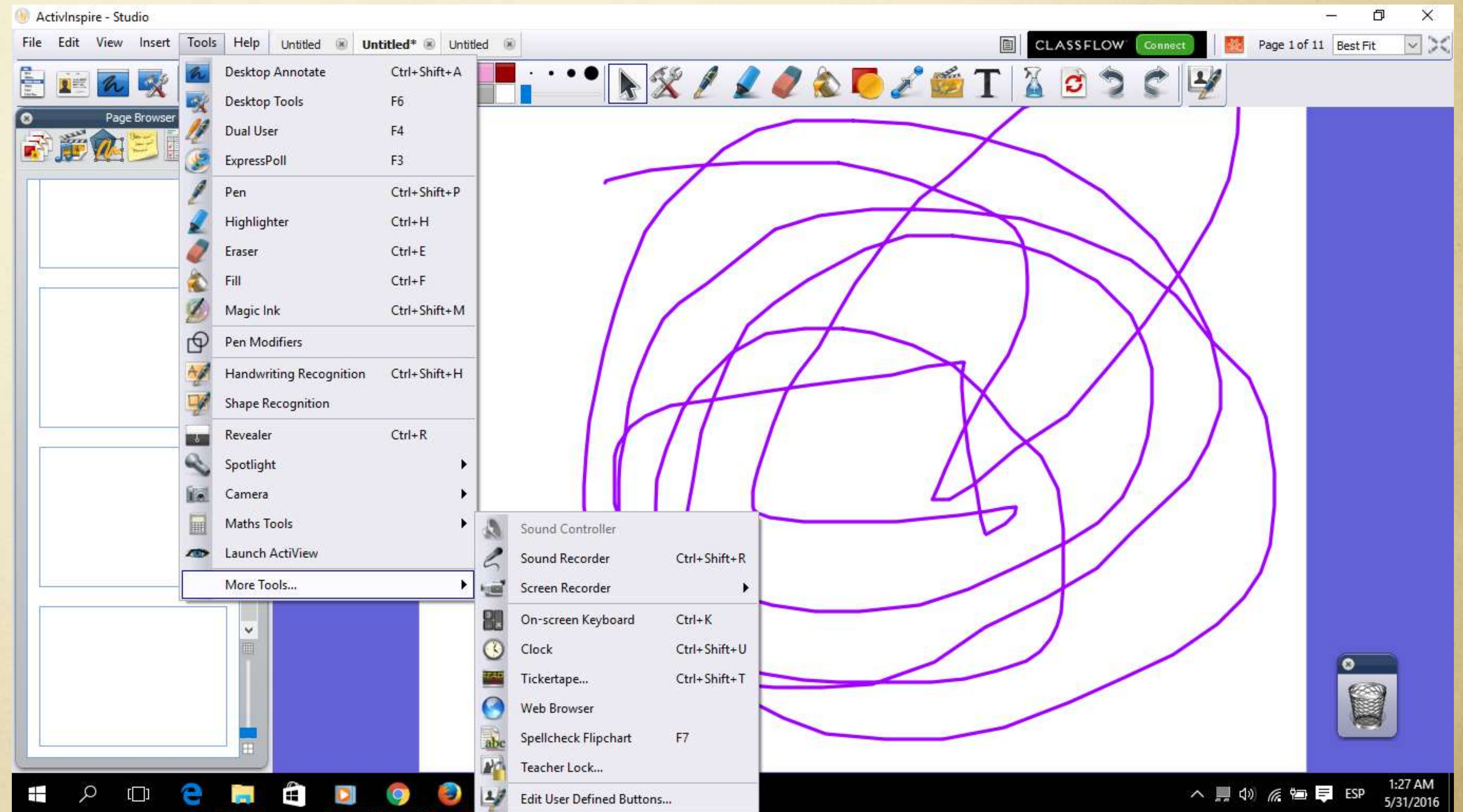
Exploring tools

- Sound Recorder
- Screen Recorder
- Tickertape
- Clock



Exploring tools

- Camera
- Open Flipchart
- Revealer
- Dual User



Most often used tools

- Annotate Over Desktop
- Screen Recorder
- Sound Recorder
- Revealer
- Page Zoom
- Camera



Working at the board

- Pre-flight checklist
- Annotating the desktop
- Using Desktop Tools
- Using the Camera
- Using the Clock
- Using Handwriting Recognition
- Using Shape Recognition



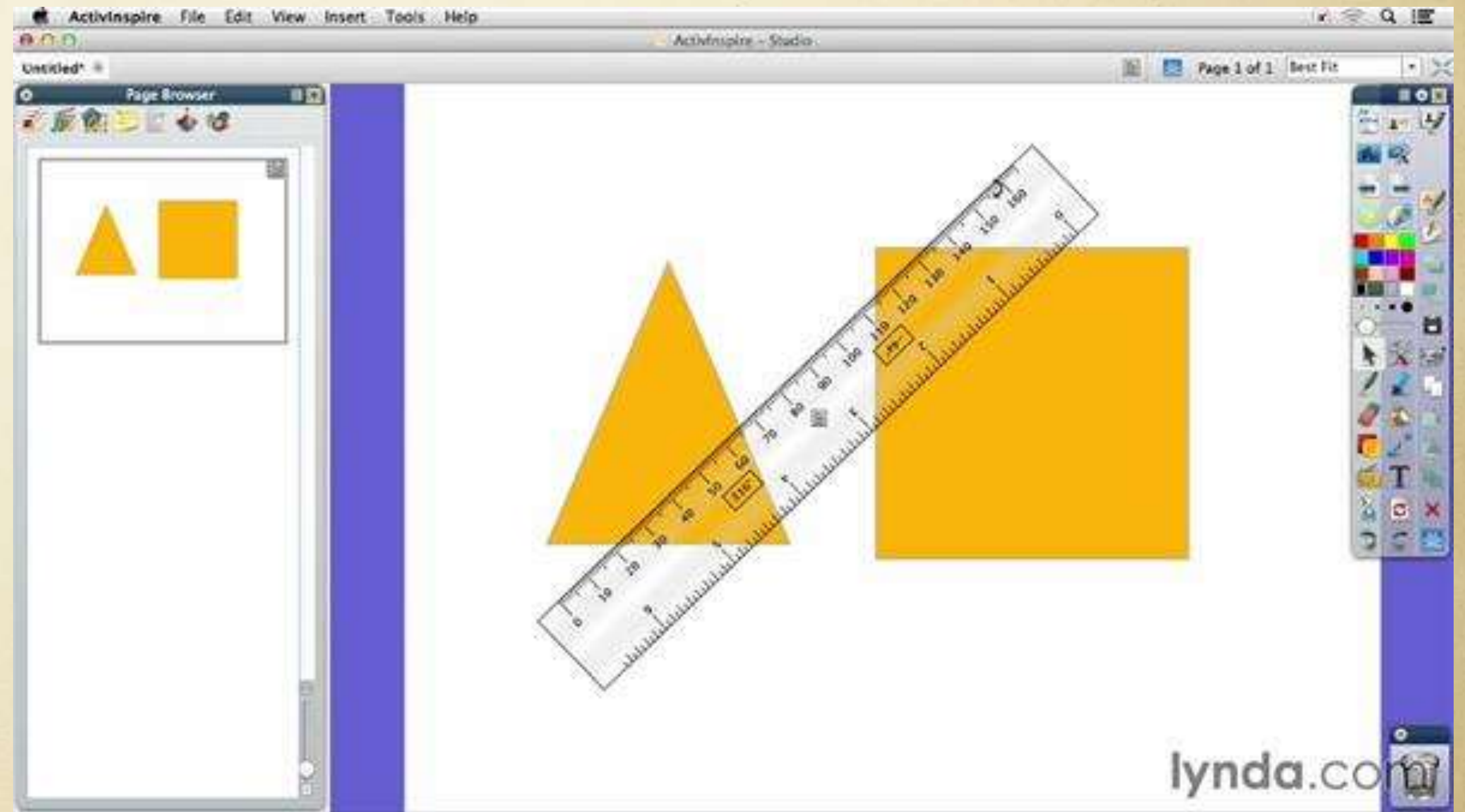
Working at the board

- Using Tickertape
- Using the Revealer
- Working in Dual User mode
- Using the On-screen Keyboard
- Using the Spotlight
- Using Teacher Lock
- Using Magic Ink



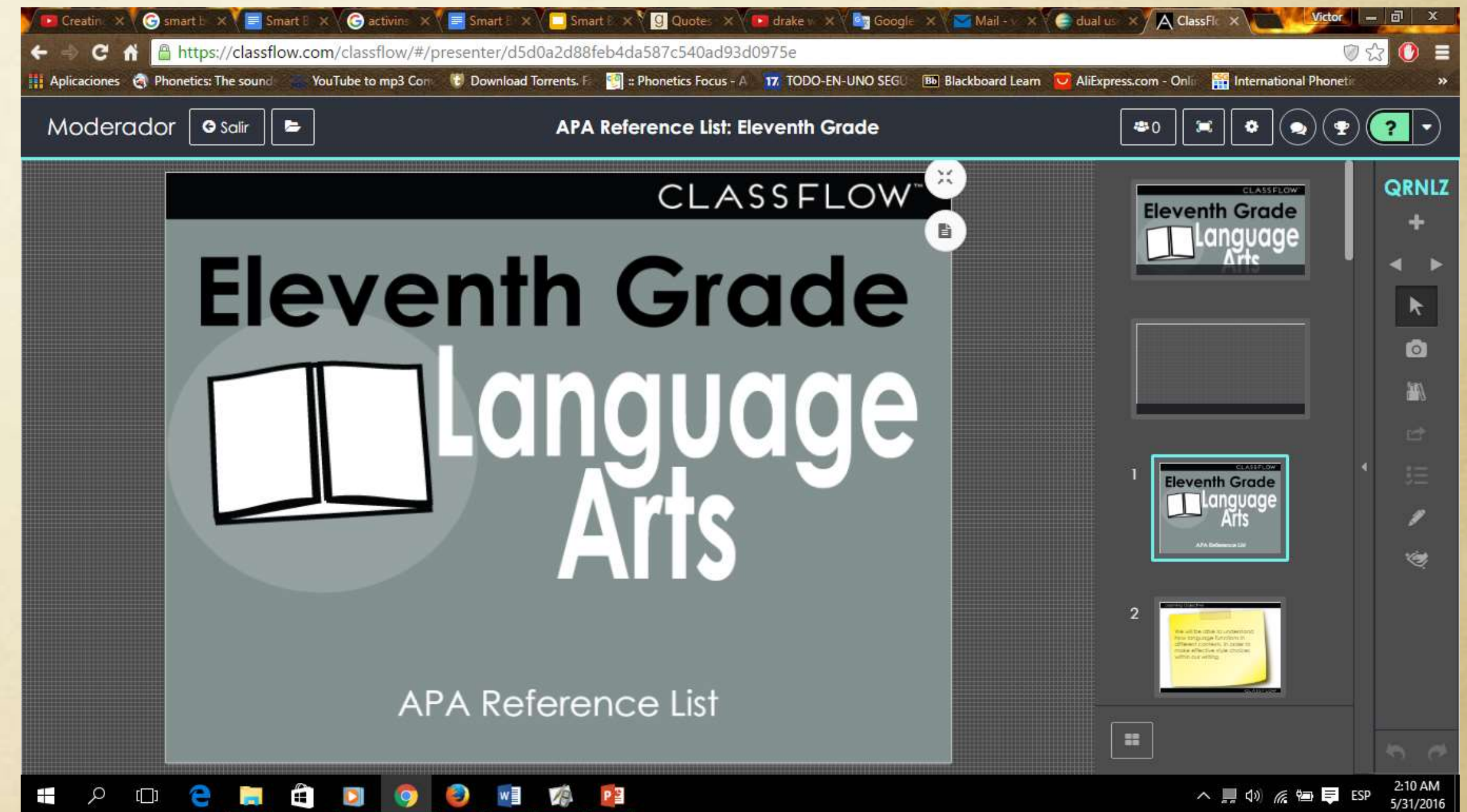
Working at the Board

- Using Math tools:
- ❑ Using the Dice Roller
- ❑ Using the Calculator
- ❑ Using the Ruler
- ❑ Using the Protractor
- ❑ Using the Compass
- ❑ Setting the XY Origin



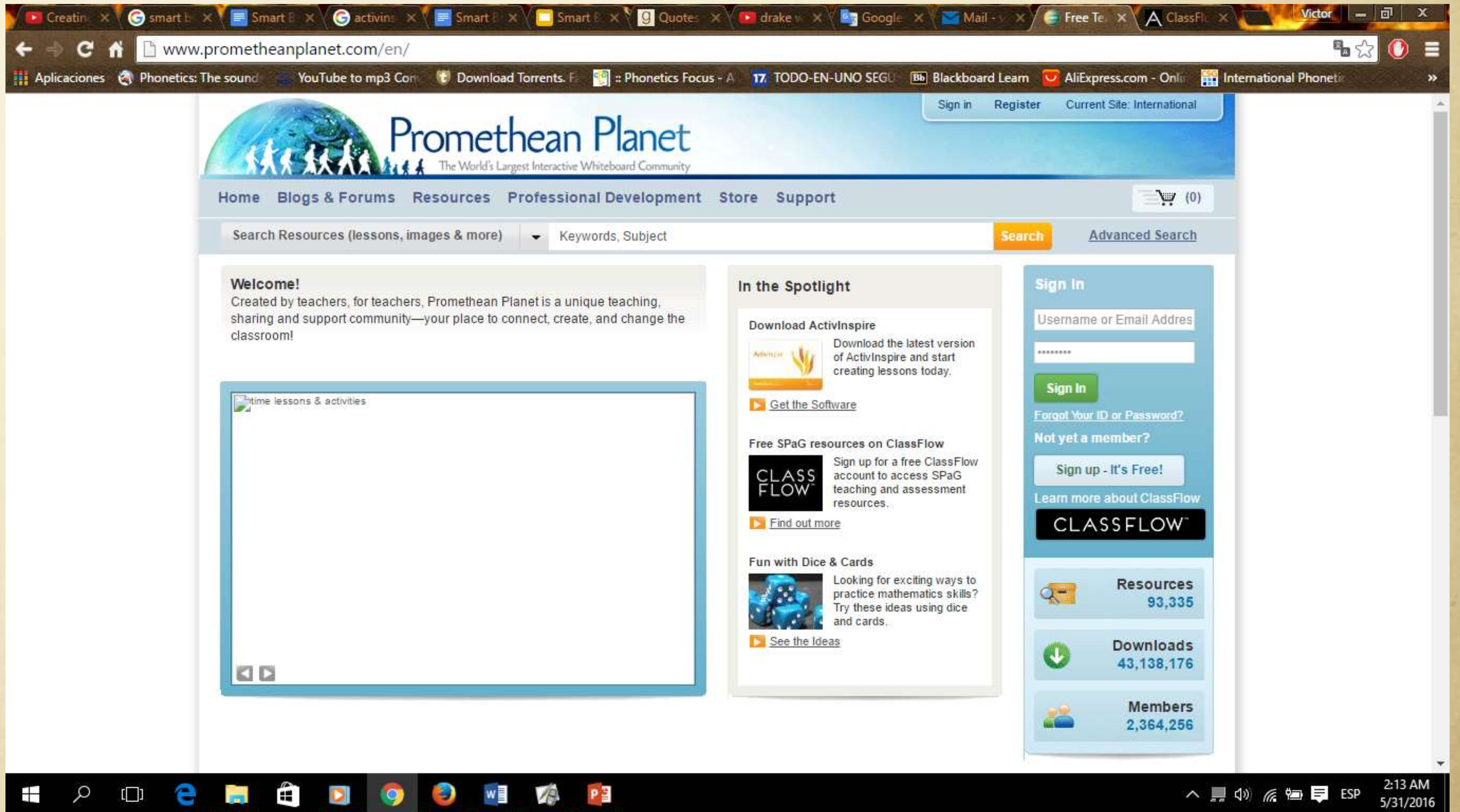
Use of Promethean Interactive Board on ClassFlow.

- Website which work with Activinpire.
- Subjects as: Math, Science, English, History.



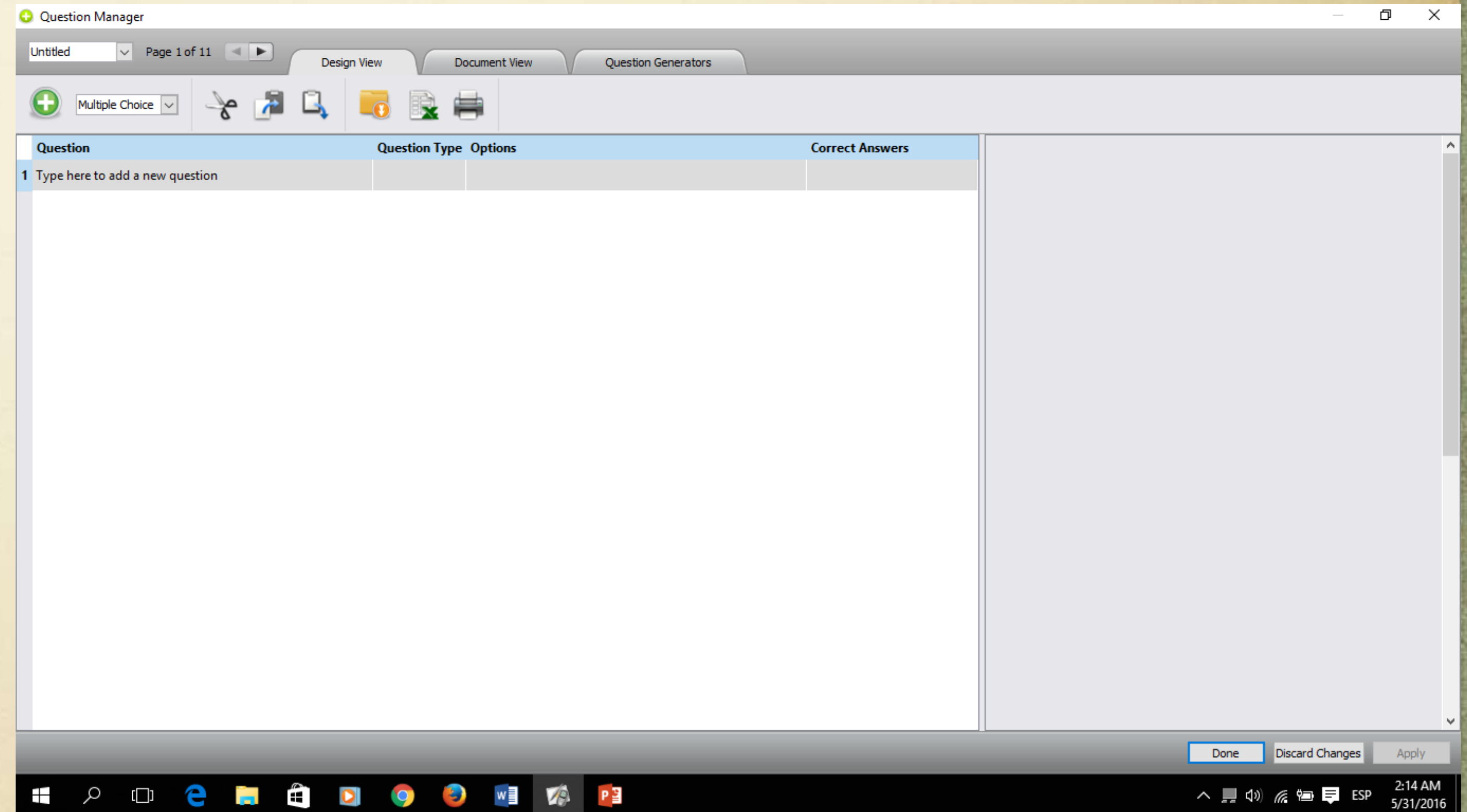
Use of Promethean interactive board on promethean planet

- Website linked with Activinspire.
- Download templates.



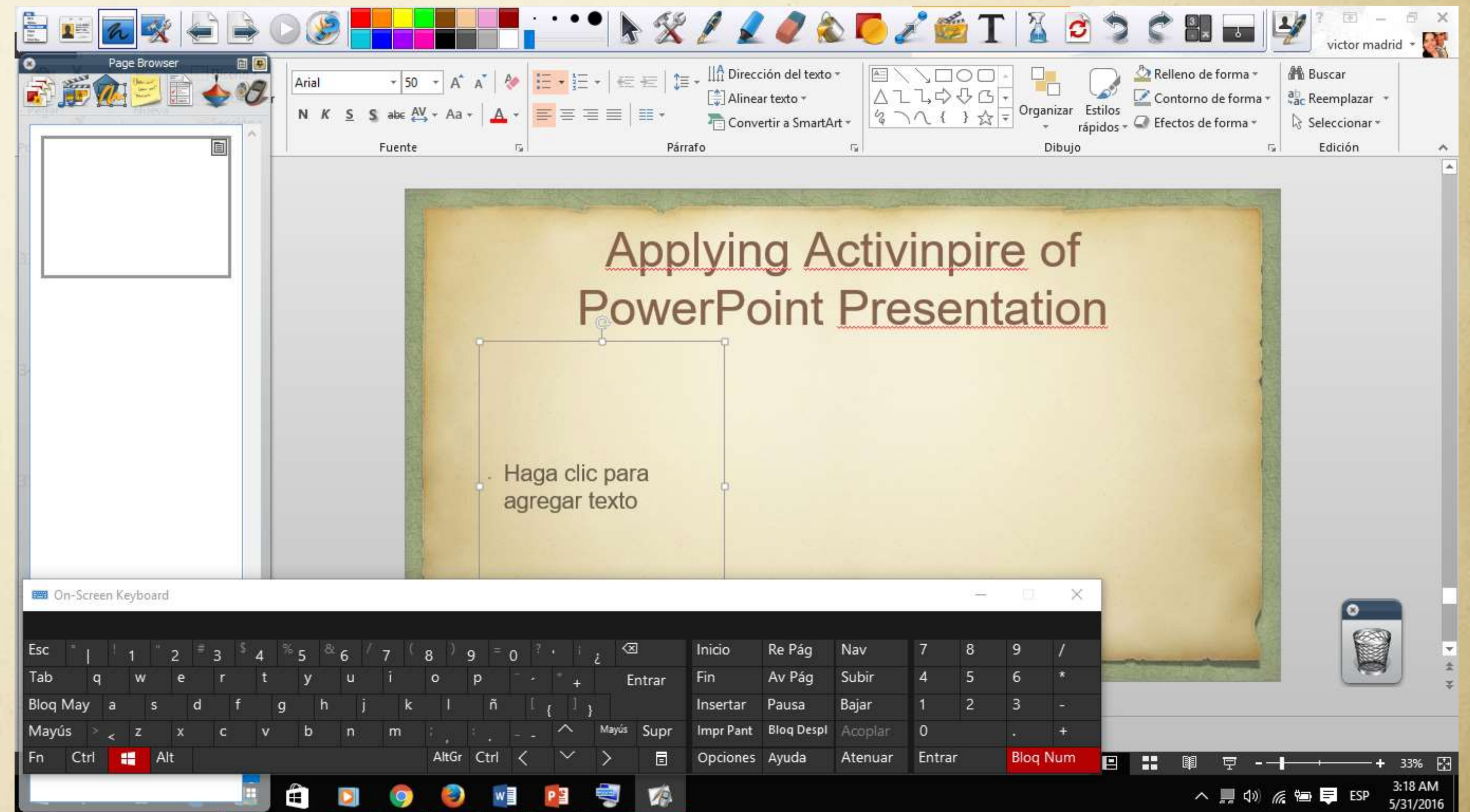
Creating exercises on ActivInspire

- Look for “questions” in the tool menú.
- Open Question Manager.



Applying Activinpire of PowerPoint Presentation

- Let students modify different slides.
- It need to apply on screen board.



Conclusion

Smart boards have become one of the most attractive teaching resources of the last decades, giving the student the opportunity to interact directly with this class resource. Every student in the classroom can interact with it, no matter what kind of learning they have. Interactive boards raise the level of student engagement in a classroom, motivating and promoting enthusiasm for learning.

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THANKS