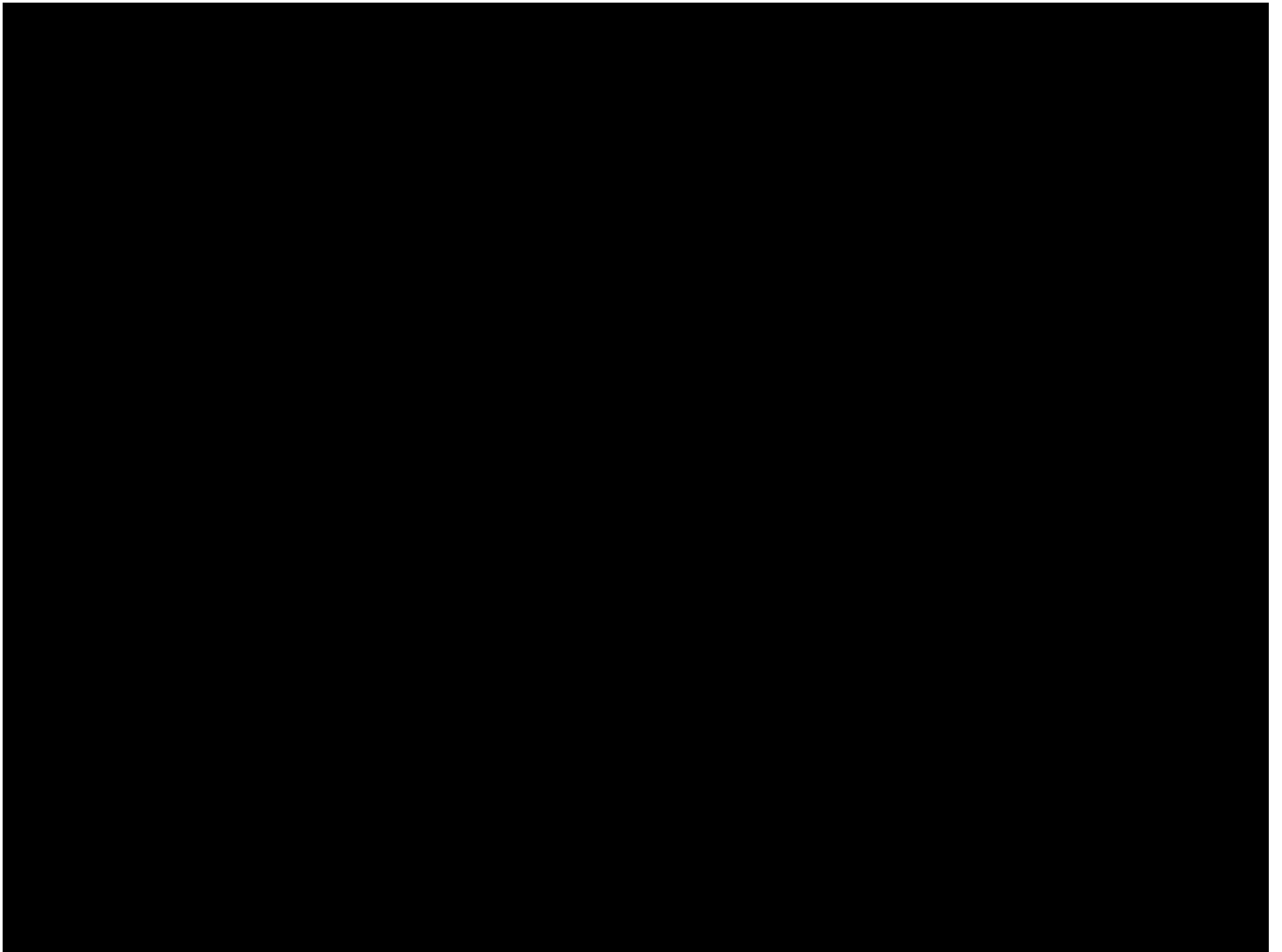


As You Enter

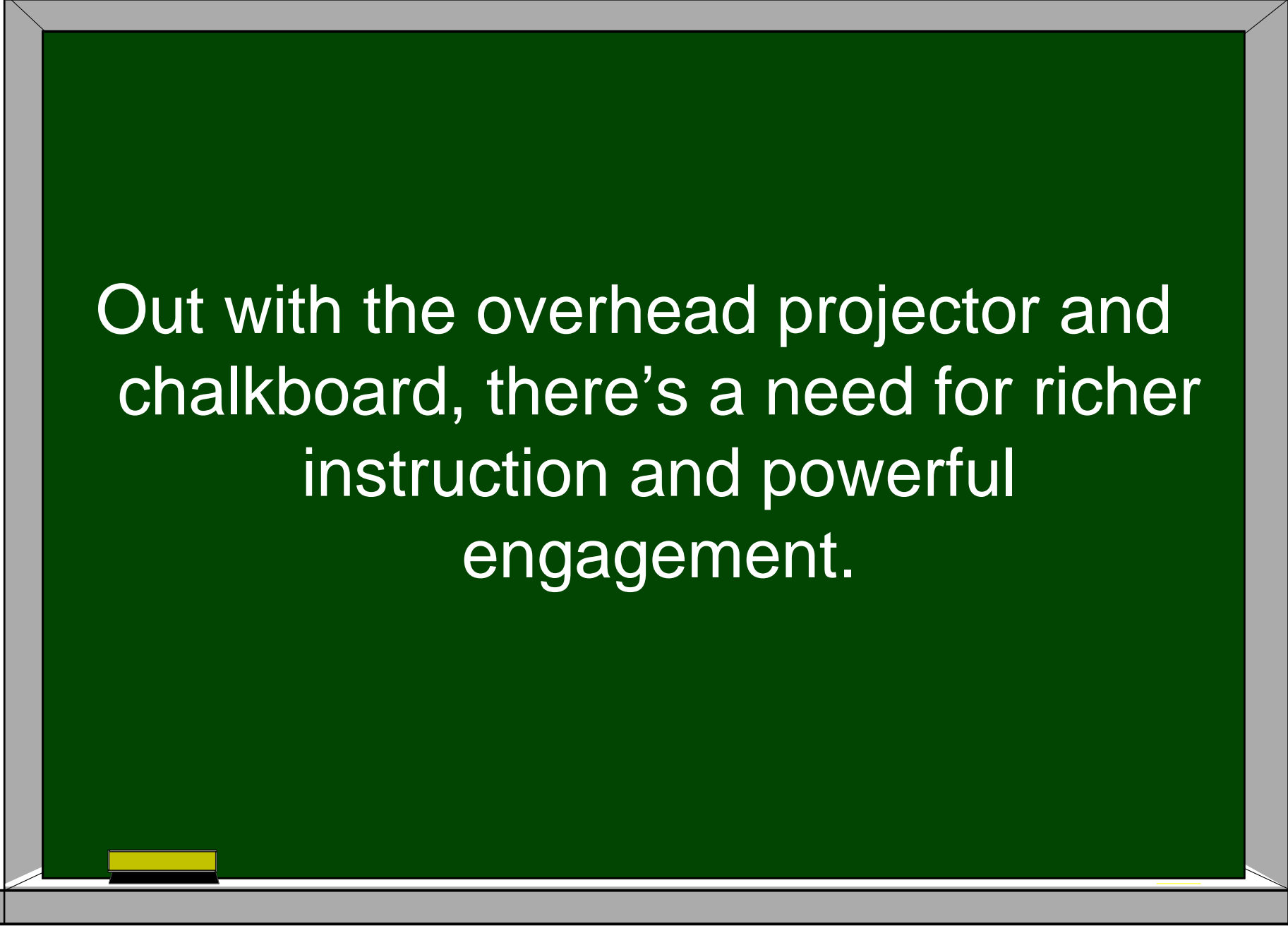
Make a name plate

- Draw an animal that best represents you.
- You will share your name plate using the document camera and projector.



True or False

A generation of students that has grown up with digital technologies is in our classrooms.



Out with the overhead projector and chalkboard, there's a need for richer instruction and powerful engagement.

Mission of Instructional Technology

To positively impact student learning as we Engage, Equip and Enable teachers, through staff development and resources, to use emerging technology effectively and efficiently in the classroom.

Presentation Station



Now that I have
it.....

what do I do
with it???

In-Service Objectives

- Gain ideas for effective use of presentation station.
- Learn how to maintain the plasma screen and document camera.
- Demonstrate student centered learning activities.

Essential Questions

- How can modern digital tools (Plasma and document cameras) be used to develop interactive lessons in my one-computer classroom?
- Can these digital tools help me be a more efficient and/or effective teacher?
- How difficult or time consuming is it to use these digital tools in my classroom?
- Can the digital tools help engage reluctant learner in the classroom?

The Engaged Learner

- What engages today's learners?
- What makes a lesson engaging?
- How do you engage all the learners in your classroom?

The answer might be the
“Presentation Station”

Components

- Plasma Screen
- Document Camera
- Remotes
- Computer
- Presentation Stand
- Wireless Keyboard
- Wireless Mouse
- Wireless Presentation Pointer

No Physical
Set-Up!
All wires and
connections
are in place.



Comments we've heard:

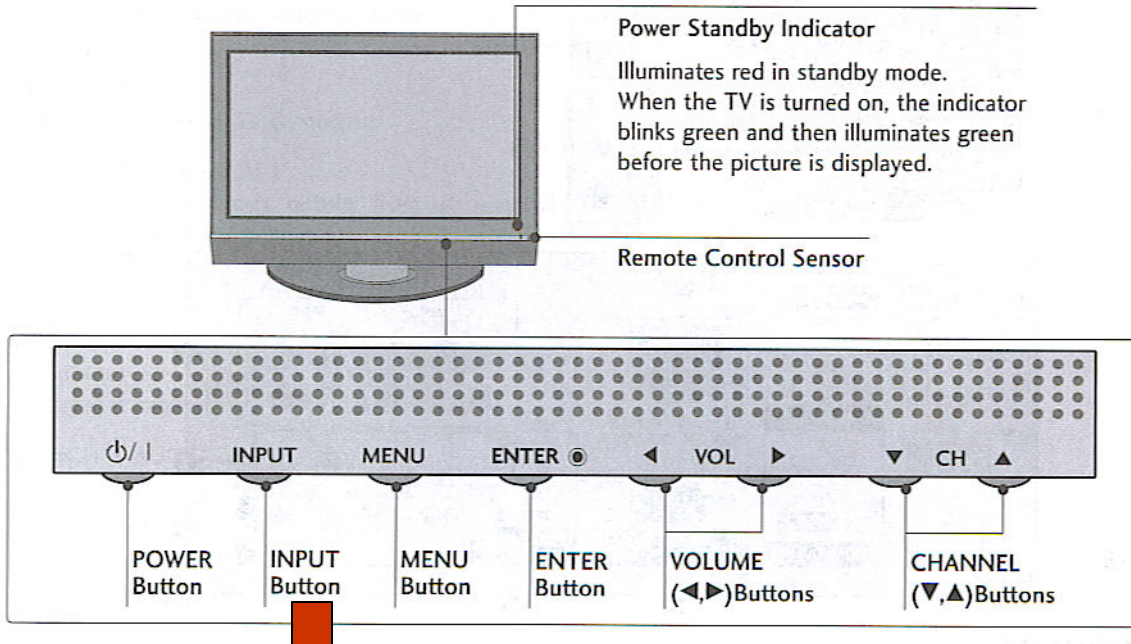
- How did I teach without it?
- It is so motivating to the students.
- It is sooo big and bulky for my small classroom.
- It keeps the students' attention.
- I feel unprepared to operate all the equipment.
- Current events come to life.

Plasma Screen

(computer plus a television)

- Around \$1,400.
- Plasma offers a brighter picture with no glare.
- The 50 inch Plasma Screen performs fine in a well lit classroom but do not place it facing a large window where sunlight will shine on the screen.
- Try not to touch screen.
- Clean only with dry polishing cloth provided.
- Turn off at night and when you are not using it for a few hours because the image will burn in.
- Leave all wiring alone.

Plasma TV Model



INPUT:

- TV
- AV1 (DVD and VCR)
- AV2 – faded out
- Component – faded out
- RGB – PC (page projector and computer

Press once-

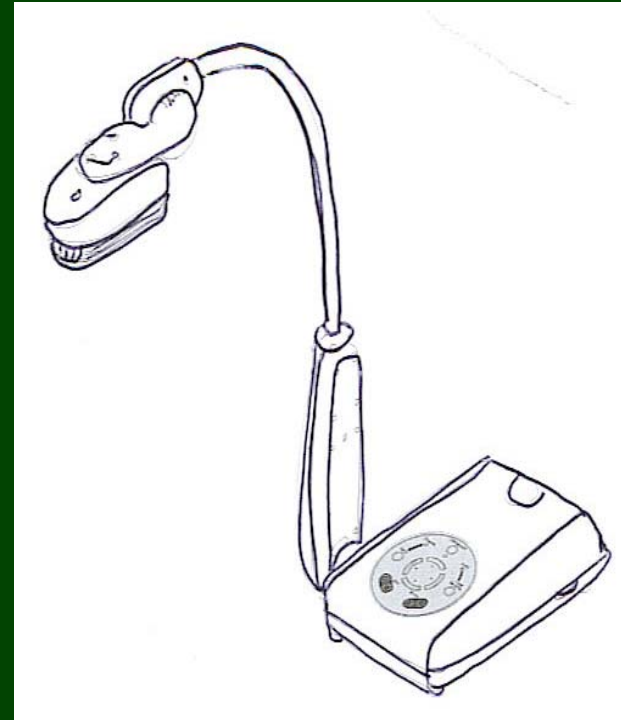
Audio video to computer

Press twice –

Computer to audio video

Document Camera

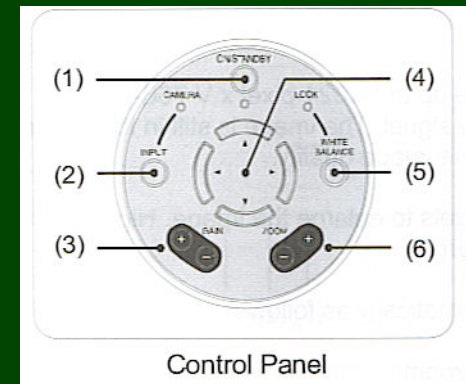
- Cost \$555.00
- At times, called “page projector” or “data projector”.
- Has a remote in bag, but techs say it is “useless”.
- Touch **input** to have it show on plasma.
- Lay white paper on shelf to display small things.



Continued

- Gooseneck bends and adjust 135 degrees forward and backward.
- Camera angle adjust 135 degrees vertically up to down and twist the camera head 270 degrees horizontally.
- Black knob on front will focus it. (No automatic focus)
- **GAIN** will adjust light and adjusts to true colors.
- **Zoom** will go to 400 % but stops at 200%.

Control Panel



Control panel

- | | |
|-------------------|---|
| (1) ON/STANDBY | : Turn the unit on/standby |
| (2) INPUT | : Switch to output signal from TLPC001 document camera or computer in |
| (3) GAIN | : Adjust the gain value of the image (± 16) |
| (4) ▲, ►, ▼, ◀ | : Pan the magnified image in camera mode |
| (5) WHITE BALANCE | : Lock/unlock auto white balance |
| (6) ZOOM | : Zoom in and zoom out the image in camera mode |

Continued

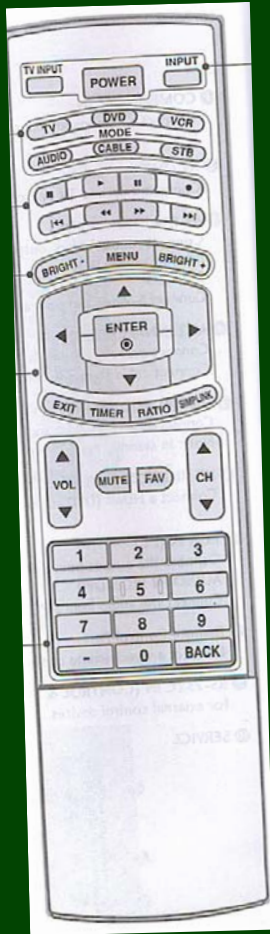
- At 200% switches from optical to digital (higher number).
- After zooming, then refocus.
- Arrows will reposition object displayed.
- Put neck all the way up to spotlight speaker.

Continued

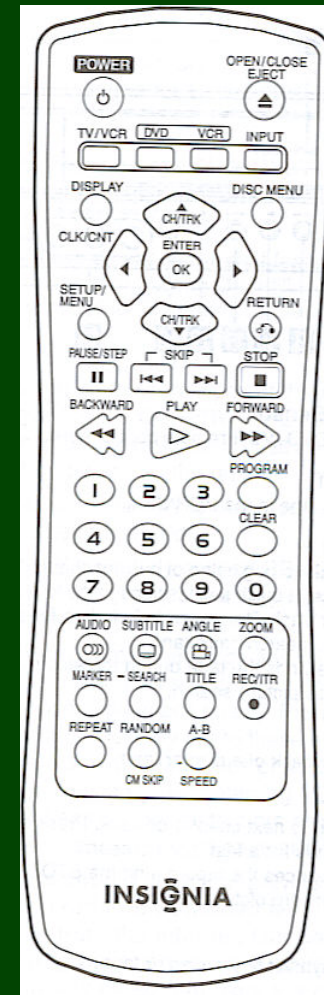
- Put camera on students during test (gives you another view of classroom).
- DO NOT use liquid cleaners or aerosol cleaners. Use a soft cloth for cleaning.
- Do not look directly at the LED light while the light is on.
- Just think, “No transparencies and cleaning”

Remotes

When using the remote control, aim it at the remote control sensor on the TV. Most important features are power, TV input, volume, mute, channels up and down. Does not work on DVD/VCR



TV Remote



DVD/VCR Remote

Computer (donated one)

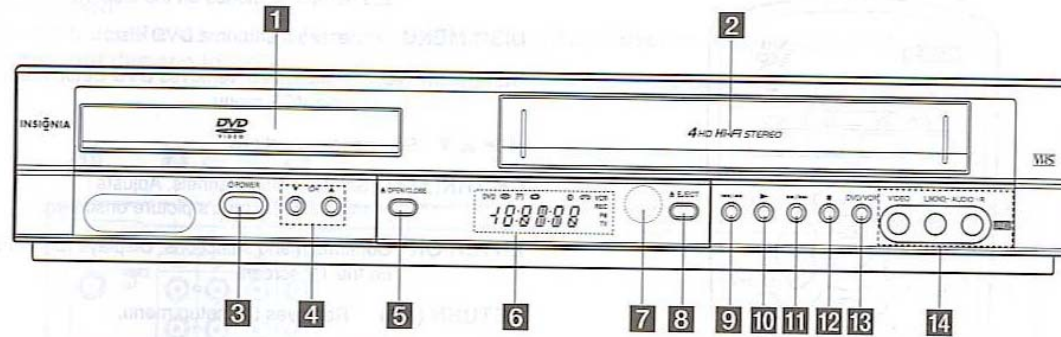
Just like your classroom one.





Hint: A portable USB port makes life easier when using a pin drive.

DVD / VCR

- Cost \$71.00
- No burning capabilities (you can not record)

DVD VCR



- 1** **Disc Tray (DVD deck)**
Insert a disc here.
- 2** **Cassette Compartment (VCR deck)**
Insert a video cassette here.
- 3** **POWER**
Switches the DVD+VCR ON and OFF.
- 4** **CH (▼/▲)**
To scan up or down through memorized channels.
- 5** **▲ OPEN/CLOSE**
Opens or closes the disc tray.
- 6** **Display Windows**
- DVD** The DVD deck is selected.
 -  A disc is in the DVD deck.
(Lights when a disc is in the DVD deck and Flashes when no disc.)
 - [P]** Indicates when the Progressive scan is active.
 -  Indicates repeat mode.
 -  DVD+VCR is in timer recording or a timer recording is programmed (VCR part only).
 -  A cassette is in the VCR deck.
 - VCR** The VCR deck is selected.
 - REC** DVD+VCR is Recording. (VCR part only)
- 7** **Remote Sensor**
Point the DVD+VCR remote control here.
- 8** **▲ EJECT**
Ejects the tape in the VCR deck.
- 9** **⏮/⏪**
- **DVD:** Skip to beginning of current chapter or track, press twice in quick successions to go to previous chapter or track. Press and hold button for about two seconds to search backward.
- **VCR:** Rewinds the tape during the stop mode or for fast reverse picture search.
- 10** **▶**
Starts playback of a disc or tape.
- 11** **⏭/⏩**
DVD: Skip to next chapter or track. Press and hold for two seconds for a fast forward search.
VCR: Advances the tape during the STOP mode or for fast forward picture search.
- 12** **■**
Stops playback of the disc or tape.
- 13** **DVD/VCR (output select)**
Select one of your output sources to view on the TV screen between DVD and VCR.
- 14** **LINE2 (VIDEO/AUDIO (L/R))**
Connect to the audio/video output of an external source (Audio system, TV/Monitor, Another VCR).

Presentation Stand

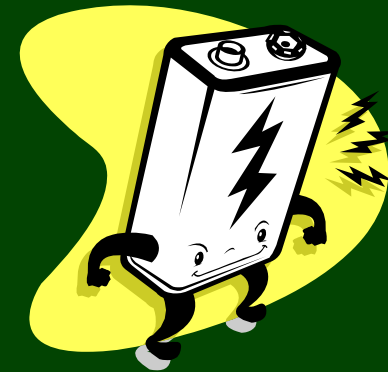
- About \$465
- If your students are young, lock the wheels.
- Nothing is adjustable on it.

Wireless Keyboard

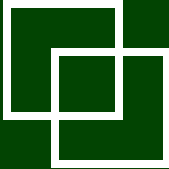
- About \$30.00 for keyboard and mouse.
- Can move about the classroom with it.
- Distance depends where your wireless receiver is positioned.
- You can place it in students hands for them to type the answer.

Wireless Mouse

- Take batteries out during the summer or long breaks.
- It always transmits.



Wireless Presentation Pointer

- About \$20
- Be sure to turn off when not in use.
- Red button is the laser pointer
-  Will blacken screen for discussion and then touch again to resume PowerPoint.
- Starts PowerPoint, advances slides, and goes back to previous slides
- Will not start video clips.

Final Reminders

- If you expect to leave your presentation station dormant for a long time, it's a good idea to unplug the power cord from the wall to protect against possible damage from lightning or power surges.
- Leave all wiring alone.
- Also, take the batteries out of equipment.
- Although the presentation station is on rolling wheels, it is not meant to be moved frequently.
- Cover with a sheet for the summer.

Presentation



Video Clip



Make as many words as you can out
of the letters being displayed.

projector

Interactive Math

- <http://nlvm.usu.edu/en/nav/index.html>
- Lessons on currency
- Use of math manipulatives
- Calculator demonstrations
- Students show how they solved their problem

Science

- Demonstrations
- Observe samples and specimens as whole class instruction

Language Arts

- Reading to students
- Group reading
- Editing

(Students write neater when they know their work will be displayed)

Social Studies

- <http://www.nationalgeographic.com/>
- Sharing of artifacts
- Showing maps

Writing

- <http://www.writingfix.com/>
- Writing samples
- Peer editing papers
- [Unitedstreaming writing prompts](#)
- <http://www.readwritethink.org/>

Meaningful

What does

Relevant

it

Beneficial

all mean?

Easy to Use



http://www.teachertube.com/view_video.php?viewkey=6f2c2eba77f39993d1

18

Essential Questions

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- Can these digital tools help me be a more efficient and/or effective teacher?
- How difficult or time consuming is it to use these digital tools in my classroom?
- Can the digital tools help engage reluctant learning in the classroom?

Finale

You will share your name plate using the document camera and projector.