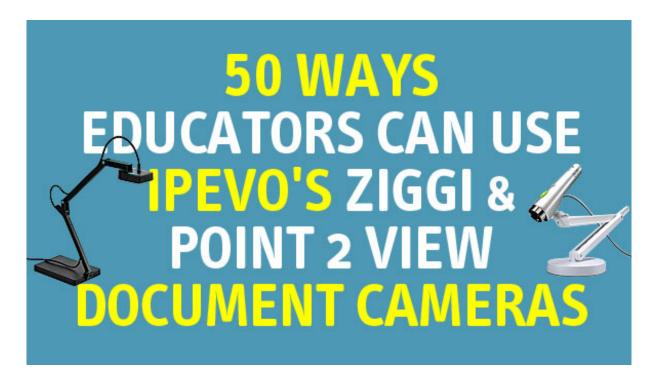
## 01/26/12 - 50 Ways Educators Can Use IPEVO's Ziggi and Point 2 View Document Cameras



In our <u>previous entry</u>, we brainstormed some ways students can use <u>IPEVO's Ziggi</u> and the Point 2 View Document Cameras.

But let's now talk about document cameras in the classroom from the teacher's point of view, from kindergarten to college. We put our heads together - and relied on a lot of feedback from educators we've talked to via email or in-person at Ed Tech conferences - to come up with **100 ways document cameras can enhance learning in the classroom**.

And here (drum roll, please) are the first fifty. Have other ideas to share? Please leave a comment!

- 1. Chemistry lab Demonstrate the steps of a science experiment.
- 2. **Replace transparencies** Transparencies take time to make and require an expensive, hot overhead projector. Work more comfortably, and more quickly, with a versatile doc cam.
- 3. **Steps of an assignment** Display the requirements for a test or homework assignment.
- 4. Digital clock Capture a stop watch or egg timer for a cheap but effective way to

keep students on task for tests and in-class assignments.

- 5. **Math manipulatives** A doc cam is a great way to work out math problems.
- 6. **Geometry** Teach shapes, angles, and how to use tools like the compass and protractor.
- 7. **School board meetings** Doc cams are not just for students. Conduct meetings and display assessment data, agenda points, or anything else.
- 8. **Study guide** Use the snapshot feature to capture images of notes or pages from the textbook. Faster than scanning!
- 9. **Handwriting** Demonstrate proper technique and letter formation.
- 10. Maps in social studies Say goodbye to huge pull-down maps.
- 11. **Graphs** Teach about slopes, the x axis and y axis, and other concepts in a visual way.
- 12. **Calculator** Show the class how to use a scientific calculator.
- 13. **Daily agenda** Get everyone on the same page by displaying today's agenda.
- 14. **Thought of the day** Share a quotation or encouraging thought to start the day off right.
- 15. **Let a student teach** Have a student demonstrate for the class. It's sometimes the best way to learn.
- 16. **Model note taking** Taking good notes is essential to education. Show them how.
- 17. **Impress parents** Take snapshots of items from the day's curriculum and share with parents.
- 18. **Picture/photo books** You may have only one of an expensive book. Now you can share with everyone.
- 19. **"Microscope"** Zoom and Macro mode will capture fine details from circuit boards, for one example.
- 20. Construction Show students how to build or construct something.
- 21. **Essay writing** Give an interactive lesson about the parts of a good essay.
- 22. **Corrections** Correct a student's work for the benefit of the classroom.
- 23. **Reader's theatre** Display text from the script as students perform.
- 24. **Food** Teach how to read nutrition labels and ingredients, or share a recipe.
- 25. **Current events** Spur discussion with pictures or magazine/newspaper clippings.
- 26. **Measuring tools** Teach about thermometers, rulers, etc.
- 27. **In-class contest** Keep everyone excited by keeping track of an in-class contest, such as reading a certain number of books during the year.
- 28. **Grades** Visually share how a project (like an essay) will be graded: 25% for grammar, 25% for thesis, etc.
- 29. **Dissections** From frogs to fish, doc cams are perfect for demonstrating dissections in science class.
- 30. **Help for visual impairments** Give any visually-impaired students large,

readable text.

- 31. **Reading aloud** Help your visual learners by displaying text as you read aloud.
- Or, have students read from the displayed text.
- 32. **Early readers** Related to #31, early readers can particularly benefit from watching your finger track text left to right. Plus, storybooks are more fun when students can clearly see the pictures.
- 33. **Parts of a book** Identify things like the title page, table of contents and glossary.
- 34. **Origami** Have fun with an origami lesson where everyone can follow along and attempt their own.
- 35. **Typography** Compare fonts and page layouts in a graphic design class.
- 36. **Rules** Establish your classroom's rules with a list.
- 37. Word of the day Have a word of the day or create word walls/vocab walls.
- 38. **Art portfolios** Capture your students' art projects with a snapshot and create an invaluable portfolio for student and parent.
- 39. **PowerPoint** Images captured from the doc cam can be used in multimedia presentations like PowerPoint or iMovie.
- 40. **Freeze frame** Snap an image during a crucial part of a science experiment, for one example, so that moment can be discussed later.
- 41. **Sheet music** Teach musical annotation, or display music for band class.
- 42. **Dictionary** Capture an actual page to show students how to use the dictionary.
- 43. **Money** Use real coins to teach about money or solve math problems.
- 44. **Diagrams** Show how to solve word problems in math by drawing diagrams.
- 45. **iPad** Apple's iPad has a growing number of educational apps that you can share.
- 46. **Architecture** From dioramas to intricate scale models, get up close and personal with 3D objects.
- 47. **Geology** Show fine details from different kinds of rocks.
- 48. **Art technique** A doc cam is perfect for demonstrating your drawing, painting, or sculpture technique in art class.
- 49. **Test answers** Display the test as you go over test answers to increase comprehension.
- 50. **Archive** Snap day-to-day images and archive them so you have a record of your curriculum.

