

Dennis Sullivan, SCSP, Astrophysics to motivate interest in Science

Astronomy vs astrophysics
Black holes
Planets
Science history
The telescope
Went thru history of the black hole

Sharmila Pratap, Porirua College, Literacy Strategies

What language do they speak at home?
Good handouts ex John Whakamoe. Dave is getting ICT copies for us
Showed a good DVD “Making Language and Learning Work Pt 1

Jigsaw reading. Uses Social Studies tools to improve literacy of Physics students

www.despair.com great for “inspiration” photos, Intelligence

Jeremy Moss, St Peters (PN) Video Clips

Using videos off movies to show physics concepts
EG Pirates of the Carribean
Pearl Harbour plane flying clips

Brian Brannigan, Kapiti, Scholarship

Otaki cluster group.
Barabara & Osbourne – Advanced Senior Physics, John W has past copies
John Whakamoe has past NZST papers
Let students work through answers after period of digestion, don’t rush into giving answers
Its not about the right answer. It’s the process that’s important for scholarship questions.

Harry Mouton, Scots College, Electricity Teaching

Teachers teach 4 classes of 1 year each year.

Per unit of charge

12J Electric Potential	0J Light Energy
.	.
.	.
.	.
0J Electric Potential	12J Light Energy

Just like

12J Gravitational PE	0J Kinetic Energy
.	.
.	.
.	.
.	.
0J Gravitational PE	12J Kinetic Energy

Graeme Richardson

<http://physicsclassroom.com>

Here's the link to Paul Hewitts Next Time Questions

<http://dev.physicslab.org/Compilations/NextTime.aspx>

Here's an applet website

www.ngsir.netfirms.com/englishVersion.htm

This was the link to the nuclear power plant video

<http://energy-northwest.com/outreach/cgs.php>

Some more great applets

<http://lectureonline.cl.edu/~mmp/applist/applets.htm>

My physics blogsite

www.fizixizok.blogspot.com

A Year 12 Wiki site

www.fizixizok.wikispaces.com

Howard

Fire Stations have thermal cameras and can show them to schools

Put a lamp behind a ½ silver screen (tempered). Say yellow behind and green in front.

(Could use smoked plastic)

Infra Red with cameras

Terry Moffat, Rongatai

Making a diode pcb c/w alligator clip wires

Eddy current with copper tube vs aluminium tube. Record the time taken for the magnets to fall.

Murray Chisholm, WHS

Can borrow bed of nails from Shane

Gravitational.ensing.swf get this applet

http://highered.mcgraw-hill.com/sites/0072482621/student_view0/interactives.html

Get kids to make their own cars out of blocks of wood and photos of car.

Get some excellent photos of classic cars

Paintball visit for year 12 physics students. Momentum, Impulse, projectile motion, velocity

Tina Kilpatrick Upper Hutt College

Weird Nature DVD TV series

Stephen Hawkings Universe

Winton Clitheroe, VUW

Tasmanian holiday photos

Gordon Dam (double curvature)

Winton took the photos we watch

John Whakamoe WHS

Neodymium magnet and have a screw connected to it and connect it to a battery and connect with a copper wire and it will rotate. Get them from the \$2 shop in

Johnsonville. (Called the Homopolar motor get it off You Tube)

Dangerously serious fun.com

Keepvid.com and copy URL to it and you can make videos.

Use a VLC media player. (Google VLC)

Tesla coil on You tube

Prof Julius Sumner Miller off You Tube

Teacher Tube available to us to use

Interesting loo in Melbourne Get the photo.

Showed his table for change in a quantity