

-----FOR PHYSICS TEACHERS FOR PHYSICS TEACHERS -----

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New Zealand Institute of Physics

Education Section

Newsletter February 2010

Education News

A big thank you to all the teachers and schools who subscribed to our online resource service in 2009. Our organisation is entirely run by teachers for teachers and is non-profit making in every respect. Your school's support ensures that our service can continue.

As in 2009 we will be using an online registration process (similar to that used by NZASE). The procedure will be to go to the following website www.nzip.org.nz – click on Education section and from there follow the instructions to complete the online registration process. An invoice will be produced automatically and emailed through to you. Once we have received payment your username and password for 2010 will be emailed to the address you used on your subscription form.

Just to summarise, the subscription of \$100 per annum (only covers the current calendar year) currently gives you access to:

- Y12 and 13 2010 examination papers
- Y12 and 13 Examination papers from each of the past nine years
- 2.7 2010 assessment (fully moderated to meet NZQA requirements)
- 2.7 2004, 2005, 2006, 2007, 2008 and 2009 assessments (fully moderated to meet NZQA requirements)
- Neat Zippy V (an enormous collection of great resources)
- Physics Teachers Guide
- 3.1 (90774) – four tasks all fully moderated to meet NZQA requirements
- A wide range of unit standard resources
- Knowledge, Skills and Applications in Y12 Physics
- 9 AC demonstrations
- Neat Zippy IV
- A fully moderated 2.1 (90252) task enables teachers to assess students across a range of practical experiments rather than in a "one-off" situation.
- Other "shared" resources from fellow teachers

We no longer sell any physical copies of our resources. All our resources are now available online.

As you can see NZIP are committed to providing a quality, affordable service for all physics teachers in New Zealand.

Please also note that this subscription fee does NOT provide you with membership of our umbrella organisation NZIP. If you want to join NZIP please refer to the membership forms on the website www.nzip.org.nz.

NZQA moderation requirements

NZQA will be providing the facility for pre-moderation of assessment materials. It is NZIPES's intention to apply to receive a quality assurance certificate for our materials which will ensure that if used in their original format a school will receive a fully compliant moderation report for the assessment materials.

NZ Curriculum

We have begun work on updating all our schemes and documentation to reflect the requirements of the new NZ curriculum. These documents will be produced and made available to our online subscribers. This will be of huge benefit to many teachers in relation to having up to date documentation that only requires minimal adjustment to suit their local needs.

NZIP-Physikos Conference

The biennial NZIP physics teachers' conference – Physikos will be held at Victoria University of Wellington in 2011. The term dates (due to Rugby World Cup 2011) are significantly different in 2011. It is likely that the conference will be held in the latter half of 2011 to enable as many people to attend as possible. You will be able to find more details by checking on our main website www.nzip.org.nz in the near future. Final costings have not been confirmed but they will be shortly. You can expect registration to be around \$350-\$400 for full NZIP members. Physikos conferences are always interesting and will provide plenty of exciting new ideas to ensure student engagement.

Other news

- **International Journal Recognition** – contact David Housden if you wish to have your material published in the internationally renowned journal, Physics Education. Articles do not have to be very long. They can just be clever teaching ideas – short and snappy thoughts etc.
- Don't forget that there is a physics **listserv** for teachers. The listserv has been updated and all previous members now have access to the "new and improved" service. You can find all the details on our website – check out www.nzip.org.nz/es . The list is an excellent way for physics teachers to communicate!!
- IYPT – we are pleased to continue to support this exciting competition for our students. Please check out www.iypt.org.nz for more details

If you have any other suggestions for resources you would like to see produced please contact any one of the committee. See details below.
All the best

David Housden

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NZIP Education Section Committee 2010

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