



**PENSBY**  
HIGH SCHOOL  
Care Respect Inspire

## Pensby High School

Irby Road, Heswall, Wirral.  
CH61 6XN

T 0151 342 0570

F 0151 342 0571

E [schooloffice@psf.wirral.sch.uk](mailto:schooloffice@psf.wirral.sch.uk)

[www.pensbyhighschool.org](http://www.pensbyhighschool.org)

Headteacher: Mr K Flanagan

### Separate science students only

Dear Parent,

The mock examinations will begin on 25th November. In science all students will sit three papers one for each science that will be 1 hour and 45 minutes. These papers will only cover paper one content and a breakdown of what will be covered can be found below.

Subject	Biology	Chemistry	Physics
Content	<ul style="list-style-type: none"><li>• Cells and microscopes</li><li>• Cells and control</li><li>• Genetics</li><li>• Natural selection and genetic modification.</li><li>• Human health, disease and the development of medicine</li><li>• Plant structure and function</li><li>• Animal control, coordination and homeostasis.</li></ul>	<ul style="list-style-type: none"><li>• The history of the atom and the periodic table.</li><li>• Purifying substances</li><li>• Atomic structure, bonding and types of substances.</li><li>• Mass calculations and Quantitative analysis.</li><li>• Acids and alkalis</li><li>• Electrolysis</li><li>• Obtaining metals and equilibria.</li></ul>	<ul style="list-style-type: none"><li>• Energy</li><li>• Forces</li><li>• Forces and motion</li><li>• Waves</li><li>• Light and the EM Spectrum</li><li>• Radioactivity</li><li>• Astronomy</li></ul>

The websites detailed below are excellent resources to aid in your son/daughter/wards revision.

<https://www.pensbyhighschool.org/students/year-11-revision-learning-materials/combined-science/>

<https://www.bbc.co.uk/bitesize/subjects/zrkw2hv>

<https://www.cognitoedu.org/home>

<https://www.physicsandmathstutor.com/>

Teachers will also provide revision material in period 6 sessions. Students need to ensure that they thoroughly revising for their mock examinations as these aid in the final decision in relation to course entry for the summer exams. Students need to show consistently that they can achieve a strong grade 5 to be considered to sit a higher paper.

I thank you for your support,

Miss Guest

Head of Science