

## PISA in Belvedere College S.J.

PISA assesses the extent to which 15-year-old students, near the end of their compulsory education, have acquired key knowledge and skills that are essential for full participation in modern societies. The assessment focuses on the core school subjects of science, reading and mathematics. Students' proficiency in an innovative domain is also assessed (in 2015, this domain is collaborative problem solving). The assessment does not just ascertain whether students can reproduce knowledge; it also examines how well students can extrapolate from what they have learned and can apply that knowledge in unfamiliar settings, both in and outside of school. PISA 2015 is the 6<sup>th</sup> PISA study that has been conducted since 2000 and involves more than 70 participating countries. Students in Belvedere College S.J. were selected at random by the test administrators and contained students of mixed ability.

Some key stats:

- In Science, Belvedere scored significantly ahead of the overall male population in Ireland as well as ahead of the OECD average. Significantly, the college was also ahead of Singapore who are recognised as having a world class education system.

<b>Science</b>	<b>B.C.S.J.</b>	<b>Ireland Male</b>	<b>OECD Average</b>	<b>Singapore</b>
Score	559	507	493	556

- In Maths, Belvedere scored once again ahead of the overall male population in Ireland as well as ahead of the OECD average.

<b>Maths</b>	<b>B.C.S.J.</b>	<b>Ireland Male</b>	<b>OECD Average</b>	<b>Singapore</b>
Score	558	511	490	564

- In Reading, Belvedere scored significantly ahead of the overall male population in Ireland as well as ahead of the OECD average. Significantly, the college again scored in line with Singapore.

<b>Reading</b>	<b>B.C.S.J.</b>	<b>Ireland Male</b>	<b>OECD Average</b>	<b>Singapore</b>
Score	555	515	493	556

PISA, Ire. Feedback 2015	Science		Reading		Maths	
	Mean Score	SD	Mean Score	SD	Mean Score	SD
Non Fee- Paying schools (Irl.)	497.9	88.0	517.4	91.2	499.4	79.1
Fee-paying schools (Irl.)	549.8	83.5	554.7		546.8	73.3
<b>School in Study (all male Fee- Paying)</b>	<b>559.0</b>	<b>74.8</b>	<b>555.1</b>	<b>29.8</b>	<b>558.9</b>	<b>66.7</b>
Ireland Mean	502		520		503	
Girls' Secondary	511.2		539.2		505.6	
Boys' Secondary	521.7		528.0		524.8	
Mixed Secondary	510.3		527.5		514.0	
Community/ Comprehensive	494.7		511.6		498.6	
Vocational	483.1		502.8		484.9	
Finland	531		526		511	
Singapore	556		535		564	
OECD Average	493	<b>OECD Average</b>	493	<b>OECD Average</b>	490	<b>OECD Average</b>
<b>Ireland Male</b>	507	<b>495.0</b>	515	<b>497.3</b>	511	<b>494.1</b>
<b>Ireland Female</b>	497.2	<b>491.4</b>	526.9	<b>506.2</b>	495.4	<b>486.2</b>
High performance Male (Irl.)	9%	<b>8.9%</b>	10.7%	<b>6.8%</b>	12.4%	<b>12.4%</b>
High performance Female (Irl.)	5%	<b>6.5%</b>	10.7%	<b>9.9%</b>	6.5%	<b>8.9%</b>
Low performance Male (Irl.)	15.7%	<b>21.8%</b>	12.3%	<b>24.3%</b>	14.1%	<b>23.0%</b>
Low performance Female (Irl.)	14.9%	<b>20.7%</b>	15.6%	<b>15.6%</b>	23.7%	<b>23.7%</b>