



**DAT for Selection – Technical Abilities Battery (DAT TAB)**

<b>Norm Group</b>		<b>Mean</b>	<b>SD</b>	<b>SEm</b>	
<b>Students in Year 11</b> <b>N.657</b>  Individuals studying GCSE's in Year 11 at various schools	Males - 45% Females – 55% Age range 14-16 94% White 2% Indian 4% Black-Caribbean, Black-African, Black-Other, Chinese, Bangladeshi, and Other	Numerical Reasoning	18.63	7.70	2.67
		Abstract Reasoning	22.75	7.22	2.70
		Mechanical Reasoning	40.10	8.24	3.30
		Space Relations	29.93	10.27	2.72
<b>A Level Students</b> <b>N.412</b>  Some students at schools and some within Colleges of Further Education	Males - 45% Females – 55% Age range 15-49 94% White 3% Indian 3% Black-Caribbean, Black-African, Black-Other, Chinese, Bangladeshi, and Other	Numerical Reasoning	20.41	7.37	2.76
		Abstract Reasoning	24.64	6.68	2.59
		Mechanical Reasoning	41.52	8.82	3.18
		Space Relations	33.78	9.84	2.78
<b>Advanced GNVQ Students</b> <b>N.226</b>  Individuals engaged in a variety of Advanced GNVQ courses, within schools and FE colleges. The courses included Business & Finance, Leisure & Tourism, Performing Arts, Hotel & Catering, Science, Computer Studies, Engineering and Art & Design.	Males - 58% Females – 42% Age range 16-29 95% White 5% Black-Caribbean, Black-Other, Indian, Bangladeshi, and Pakistani	Numerical Reasoning	16.69	5.70	2.13
		Abstract Reasoning	22.67	6.59	2.55
		Mechanical Reasoning	41.25	8.82	3.18
		Space Relations	30.40	9.75	2.76
<b>Intermediate GNVQ Students</b> <b>N.87</b>  Individuals engaged studying Intermediate GNVQ courses, within schools and FE colleges. The courses included Business & Finance, Leisure & Tourism, Business Studies, Hospitality & Catering, Health & Social Care, and Art & Design.	Males - 52% Females – 48% Age range 16-18 82% White 15% Indian 3% Pakistani	Numerical Reasoning	12.64	4.24	1.59
		Abstract Reasoning	16.09	6.30	2.44
		Mechanical Reasoning	33.17	8.15	2.94
		Space Relations	22.98	8.98	2.54

<p>Further Education Students N.775</p> <p>Students engaged in courses of study including A Levels, GNVQ 2 year courses GNVQ 1 year courses and GCSE re-sits.</p>	<p>Males - 50% Females – 50% Age range 15-49 92% White 4% Indian 2% Pakistani 4% Black-Caribbean, Black-African, Black-Other, Chinese, Bangladeshi, and Other</p>	<p>Numerical Reasoning 18.12 7.06 2.64 Abstract Reasoning 22.88 7.15 2.77 Mechanical Reasoning 40.28 9.11 3.28 Space Relations 31.26 10.35 2.93</p>
<p>Adults Receiving Career Guidance N.236</p> <p>Educational level varied from no formal qualifications to degree level and the sample contained both employed and unemployed adults, as well as a small percentage who were engaged in FE courses.</p>	<p>Males - 57% Females – 43% Age range 16-56 93% White 7% Black-Caribbean, Black-African, Black-Other, Chinese, Indian and Other</p>	<p>Numerical Reasoning 20.67 8.57 2.57 Abstract Reasoning 21.64 7.47 2.69 Mechanical Reasoning 43.88 9.33 3.09 Space Relations 31.47 9.96 2.63</p>
<p>Technical Training Applicants and Students N.386</p> <p>Individuals either engaged or applying for some form of technical training. The training included warehousing, YT Craft training scheme, BTEC National Diploma in Motor Vehicle Engineering and C&amp;G Mechanical Maintenance.</p>	<p>Males - 90% Females – 10% Age range 15-51 94% White 2%Other 4% Black-Caribbean, Black-African, Black-Other, Chinese, Indian, Pakistani and Bangladeshi</p>	<p>Numerical Reasoning 14.67 6.24 2.33 Abstract Reasoning 19.26 8.21 3.18 Mechanical Reasoning 40.59 10.51 3.79 Space Relations 27.06 11.69 3.31</p>
<p>BTEC ND Motor Vehicle Engineering Students N.100</p>	<p>Males - 98% Females – 2% Age range 15-51 89% White 3% Indian 2% Black-African 1% Chinese and 1% Pakistani</p>	<p>Numerical Reasoning 18.26 5.83 2.18 Abstract Reasoning 24.09 7.49 2.90 Mechanical Reasoning 49.23 6.95 2.51 Space Relations 36.14 9.23 2.61</p>
<p>Applicants to Mechanical and Engineering Courses N.99</p> <p>Motor Vehicle Engineering NVQ Level 2, Electronics/Telecoms Engineering C&amp;G 224, Mechanical Maintenance C&amp;G 214, Motor Vehicle Body Repair C&amp;G 398, Electrical Installation C&amp;G 236 and Mechanical Foundation (Electrical) NVQ Level 2.</p>	<p>Males - 96% Females – 4% Age range 15-17 91% White 1% Indian 3% Pakistani 2% Bangladeshi 2% Black-Caribbean And 1% Other</p>	<p>Numerical Reasoning 12.99 4.91 1.70 Abstract Reasoning 17.92 6.42 2.40 Mechanical Reasoning 38.62 9.05 3.62 Space Relations 25.82 10.44 2.76</p>

Applicants to a YT Crafts Training Scheme N.71	Males-98% Females-2% Age range 15-17 98% White 1% Other	Numerical Reasoning 12.79 4.29 1.49 Abstract Reasoning - - - Mechanical Reasoning 37.69 8.47 3.39 Space Relations 22.90 9.86 2.61
Special Needs Applicants to Technical Trades Training Courses N.96	Males-80% Females-20% Age range 15-43 97% White 3% Other	Numerical Reasoning 11.87 5.63 1.69 Abstract Reasoning 13.85 6.10 2.20 Mechanical Reasoning 33.47 9.38 3.11 Space Relations 19.69 9.35 2.47