

APPENDIX 1

2014 MAJOR FIELD TEST RESULTS - COMPARISONS TO THE ENTIRE MFT DATA SET

(Percentile rankings from comparison to data for Sept 2010 - July 2014)

INDIVIDUAL STUDENT SCORES	Westmont Means	Reference School Means	%ILE INDIVIDUAL MEANS	Z TEST P
TOTAL TEST SCALED SCORE	157	153.2	58	0.106
CELL BIOLOGY	58	53.2	63	0.04
MOLEC BIO AND GENETICS	56	53	59	0.188
ORGANISMAL BIOLOGY	56	53.2	55	0.248
POP BIOL, EVOLUTION, ECOLOGY	57	52.7	56	0.07

INSTITUTIONAL MEANS	Westmont Means	Reference School Means	%ILE INSTITUTIONAL MEANS
TOTAL TEST SCALED SCORE	157	152	69
CELL BIOLOGY	58	52.4	77
MOLEC BIO AND GENETICS	56	52.1	70
ORGANISMAL BIOLOGY	56	52.2	64
POP BIOL, EVOLUTION, ECOLOGY	57	51.6	75

ASSESSMENT INDICATOR TITLE	Westmont Mean Percent Correct	Mean Percent Correct for Reference Schools	%ile Institutional Means Compared to Reference Schools
Biochemistry and Cell Energetics	54	46.6	80
Cellular Structure, Organization, Function	56	50.4	70
Molecular Biology and Molecular Genetics	52	47.1	70
Diversity of Organisms	45	42.3	58
Organismal - Animals	50	41.2	88
Organismal - Plants	30	32.7	32
Population Genetics and Evolution	58	50.6	78
Ecology	55	51.2	63
Analytical Skills	52	46.8	69

WESTMONT 75th %ile SAT	1310
MEAN 75th %ile SAT FOR REFERENCE SCHOOLS	1157
WESTMONT SAT %ILE IN REFERENCE GROUP	90

APPENDIX 2

2014 MAJOR FIELD TEST RESULTS - COMPARISON TO USNR "NATIONAL LIBERAL ARTS COLLEGES" TAKING THE MFT

(Percentile rankings from comparison to data for Sept 2010 - Apr 2014)

INDIVIDUAL STUDENT SCALED SCORES	Westmont Means	Reference School Means	%ILE INDIVIDUAL MEANS	Z TEST P
Total Test Scaled Score	157	158.3	43	0.668
CELL BIOLOGY	58	57.3	51	0.814
MOLEC BIO AND GENETICS	56	57.2	45	0.472
ORGANISMAL BIOLOGY	56	57.6	42	0.513
POP BIOL, EVOLUTION, ECOLOGY	57	57.6	42	0.742

INSTITUTIONAL SCALED SCORE MEANS	Westmont Means	Reference School Means	%ILE INSTITUTIONAL MEANS
Total Test Scaled Score	157	157.5	40
CELL BIOLOGY	58	56.8	53
MOLEC BIO AND GENETICS	56	56.4	43
ORGANISMAL BIOLOGY	56	57	33
POP BIOL, EVOLUTION, ECOLOGY	57	56.7	44

ASSESSMENT INDICATOR TITLE	Westmont Mean Percent Correct	Mean Percent Correct for Reference Schools	%ile Institutional Means Compared to Reference Schools
Biochemistry and Cell Energetics	54	51.8	60
Cellular Structure, Organization, Function	56	55.9	44
Molecular Biology and Molecular Genetics	52	52.8	41
Diversity of Organisms	45	47.7	27
Organismal - Animals	50	45.6	80
Organismal - Plants	30	36.3	18
Population Genetics and Evolution	58	56.2	55
Ecology	55	57.1	29
Analytical Skills	52	53.1	40

WESTMONT 75th %ile SAT	1310
MEAN 75th %ile SAT FOR REFERENCE SCHOOLS	1268
WESTMONT SAT %ILE IN REFERENCE GROUP	64

APPENDIX 3

2014 MAJOR FIELD TEST RESULTS - COMPARISON TO USNR "NATIONAL LIBERAL ARTS COLLEGES" TAKING THE MFT BUT NOT GRADING INDIVIDUAL STUDENTS

(Percentile rankings from comparison to data for Sept 2010 - July 2014)

INDIVIDUAL STUDENT SCALED SCORES	Westmont Means	Reference School Means (N=1986)	%ILE INDIVIDUAL MEANS	Z TEST P
Total Test Scaled Score	157	156.8	48	0.929
CELL BIOLOGY	58	56.6	53	0.53
MOLEC BIO AND GENETICS	56	57	49	0.964
ORGANISMAL BIOLOGY	56	56	47	>0.999
POP BIOL, EVOLUTION, ECOLOGY	57	56	48	0.646

INSTITUTIONAL SCALED SCORE MEANS	Westmont Means	Reference School Means	%ILE INSTITUTIONAL MEANS
Total Test Scaled Score	157	157.5	41
CELL BIOLOGY	58	56.3	62
MOLEC BIO AND GENETICS	56	56.1	50
ORGANISMAL BIOLOGY	56	56.5	41
POP BIOL, EVOLUTION, ECOLOGY	57	56.6	45

ASSESSMENT INDICATOR TITLE	Westmont Mean Percent Correct	Mean Percent Correct for Reference Schools	%ile Institutional Means Compared to Reference Schools
Biochemistry and Cell Energetics	54	51.2	66
Cellular Structure, Organization, Function	56	55.5	50
Molecular Biology and Molecular Genetics	52	52.4	45
Diversity of Organisms	45	46.4	41
Organismal - Animals	50	45.5	79
Organismal - Plants	30	35.9	16
Population Genetics and Evolution	58	55.9	54
Ecology	55	57.1	29
Analytical Skills	52	52.7	50

WESTMONT 75th %ile SAT	1310
MEAN 75th %ile SAT FOR REFERENCE SCHOOLS	1286
WESTMONT SAT %ILE IN REFERENCE GROUP	54