

EOC Algebra II Exam Blueprint

Instructional Focus	% of Questions	Common Core State Standards	Webb DOK
1: Polynomial, Rational, and Radical Relationships	38-43%	N.CN.1, 2, 7, 8*, 9*	2-3 [A.CN.1 DOK 1] *Advanced course Standard, not assessed on State EOC exam
		A.SSE.1, 1a, 1b, 2, 4	2-3
		A.APR.1, 2, 3, 4, 5*, 6, 7*	2-3 *Advanced course Standard, not assessed on State EOC exam
		A.REI.2, 11	2-3
		F.IF.7, 7c	2
2: Trigonometric Functions	14-17%	F.TF.1, 2, 5, 8	2-3
3: Modeling with Functions	30-35%	A.CED.1, 2, 3, 4	2-3
		F.IF.4, 5, 6, 7, 7b, 7e, 8, 9	2-3
		F.BF.1, 1b, 3, 4, 4a	2-3
		F.LE.4	2-3
4: Inferences and Conclusions from Data	12-15%	S.ID.4	2-3
		S.IC.1, 2, 3, 4, 5, 6	2-3
		S.MD.6*, 7*	2-3 *Advanced course Standard, not assessed on State EOC exam

NOTE 1: Instructional Focus is based on the **Mathematics Blueprint – High School Algebra II:**
<http://sdccteachers.k12.sd.us/home/math-blueprint-overview/math-blueprints>

NOTE 2: Items should be written to the indicated Webb DOK levels with a mix of level 2 and 3 with an emphasis on level whenever possible. Only items for the standards in [] can be written to a DOK 1.