Smith 9th Grade Math 133 / Algebra 1

Class Mastery Progress Report as of 04/11/2018
for
Oklahoma Academic Standards for Mathematics for Algebra I (2016)

A report showing student progress from initial assessment to current knowledge

Key: Initial Assessment Current Knowledge

Average mastery per student

Number of students: 29

Average hours spent in ALEKS	Average Standards Progress (34 standards)		A1.N: Number & Operations (2 standards)		A1.A: Algebraic Reasoning & Algebra (16 standards)		A1.F: Functions (9 standards)		A1.D: Data & Probability (7 standards)	
78.2	2.6	**15.5**	0.0	**0.0**	0.5	**7.5**	0.1	**4.9**	1.9	**3.1**

Summary:

From 10/30/2017* to 04/11/2018, the 29 students in this class worked an average of 78.2 hours in ALEKS.

The average number of standards mastered** per student went from **7%** (2.6 of 34) to **45%** (15.5 of 34).

*Median date of initial assessment.

**A student is considered to have mastered a standard when she has mastered at least % of the ALEKS topics for that standard.

Breakdown by Student

Name *Initial Login* to *Last Login*	Time spent in ALEKS	Average Standards Progress (34 standards)		A1.N: Number & Operations (2 standards)		A1.A: Algebraic Reasoning & Algebra (16 standards)		A1.F: Functions (9 standards)		A1.D: Data & Probability (7 standards)	
Alberti, Joel C. *10/30/2017* to *04/05/2018*	73.6 hours	4	**21**	0	**0**	1	**11**	1	**6**	2	**4**
Bourbaki, Charles T. *10/30/2017* to *04/05/2018*	85.4 hours	3	**13**	0	**0**	1	**7**	0	**3**	2	**3**
Browning, Jose A. *10/30/2017* to *04/05/2018*	81.0 hours	3	**15**	0	**0**	1	**7**	0	**5**	2	**3**
Cameron, Maria P. *10/30/2017* to *04/05/2018*	76.4 hours	3	**17**	0	**0**	1	**9**	0	**5**	2	**3**
Cameron, Tracy T. *10/30/2017* to *04/05/2018*	82.7 hours	2	**5**	0	**0**	0	**2**	0	**0**	2	**3**
Carter, Nicole B. *10/30/2017* to *04/05/2018*	81.8 hours	2	**20**	0	**0**	0	**10**	0	**6**	2	**4**
Chang, Daniel *10/30/2017* to *04/05/2018*	84.6 hours	2	**7**	0	**0**	0	**4**	0	**1**	2	**2**
Corbin, Jane S. *10/30/2017* to *04/05/2018*	78.2 hours	2	**12**	0	**0**	0	**6**	0	**4**	2	**2**
Davis, Joel T. *10/30/2017* to *04/05/2018*	83.0 hours	2	**7**	0	**0**	0	**4**	0	**1**	2	**2**
Davis, Maria T. *10/30/2017* to *04/05/2018*	87.9 hours	2	**5**	0	**0**	0	**2**	0	**0**	2	**3**
Diaz, Bart P. *10/30/2017* to	65.5 hours	2	**22**	0	**0**	0	**9**	0	**9**	2	**4**

04/05/2018											
Doyle, Kevin J. *10/30/2017* to *04/05/2018*	77.9 hours	2	**16**	0	**0**	0	**6**	0	**7**	2	**3**
Fisher, Ken S. *10/30/2017* to *04/05/2018*	75.0 hours	3	**22**	0	**0**	1	**10**	0	**8**	2	**4**
Fredericks, Charles A. *10/30/2017* to *04/05/2018*	83.8 hours	2	**14**	0	**0**	0	**7**	0	**4**	2	**3**
Fredericks, Karen T. *10/30/2017* to *04/05/2018*	84.1 hours	2	**8**	0	**0**	0	**6**	0	**0**	2	**2**
Gates, Ken *10/30/2017* to *04/05/2018*	87.1 hours	2	**6**	0	**0**	0	**2**	0	**1**	2	**3**
Green, John K. *10/30/2017* to *04/05/2018*	70.4 hours	5	**23**	0	**0**	2	**11**	1	**9**	2	**3**
Johnson, Kelly E. *10/30/2017* to *04/05/2018*	87.7 hours	2	**13**	0	**0**	0	**7**	0	**3**	2	**3**
Kennedy, Jennifer R. *10/30/2017* to *04/05/2018*	65.3 hours	2	**25**	0	**0**	0	**13**	0	**8**	2	**4**
Kitel, Kevin L. *10/30/2017* to *04/05/2018*	88.1 hours	2	**5**	0	**0**	0	**2**	0	**1**	2	**2**
Laplace, Ken P. *10/30/2017* to *04/05/2018*	65.5 hours	4	**26**	0	**0**	1	**14**	1	**9**	2	**3**
Lewinsky, Jose V. *10/30/2017* to *04/05/2018*	73.7 hours	3	**20**	0	**0**	1	**9**	0	**8**	2	**3**
Lewinsky, Karen J. *10/30/2017* to *04/05/2018*	70.7 hours	2	**22**	0	**0**	0	**10**	0	**8**	2	**4**

Lopes, David K. *10/30/2017* to *04/05/2018*	83.2 hours	2	**11**	0	**0**	0	**6**	0	**3**	2	**2**
Olson, Kevin P. *10/30/2017* to *04/05/2018*	76.1 hours	2	**16**	0	**0**	1	**8**	0	**5**	1	**3**
Porter, Charles L. *10/30/2017* to *04/05/2018*	88.2 hours	3	**9**	0	**0**	1	**4**	0	**2**	2	**3**
Rodriguez, Kai R. *10/30/2017* to *04/05/2018*	73.6 hours	1	**20**	0	**0**	0	**8**	0	**8**	1	**4**
Trish, Maria P. *10/30/2017* to *04/05/2018*	75.4 hours	3	**20**	0	**0**	1	**8**	0	**8**	2	**4**
Warren, Bill S. *10/30/2017* to *04/05/2018*	61.8 hours	5	**29**	0	**0**	2	**16**	1	**9**	2	**4**

Breakdown by standard

A1.N: Number & Operations:

Name of Standard	Initial Progress	Current Progress
A1.N.1.1: Write square roots and cube roots expressions in simplest from	TD	TD
A1.N.1.2: Perform operations with square roots	TD	TD

A1.A: Algebraic Reasoning & Algebra:

Name of Standard	Initial Progress	Current Progress
A1.A.1.1: Solve equations with rational values to represent and solve problems	0 of 29 students **(0%)**	25 of 29 students **(86%)**
A1.A.1.2: Solve absolute value equations	0 of 29 students **(0%)**	15 of 29 students **(51%)**
A1.A.1.3: Analyze and solve problems involving systems of linear equations	0 of 29 students **(0%)**	4 of 29 students **(13%)**
A1.A.2.1: Represent relationships with linear inequalities	0 of 29 students **(0%)**	2 of 29 students **(6%)**
A1.A.2.2: Represent relationships with compound and absolute value inequalities	0 of 29 students **(0%)**	2 of 29 students **(6%)**
A1.A.2.3: Solve systems of linear inequalities; graph and interpret solutions	0 of 29 students **(0%)**	1 of 29 students **(3%)**
A1.A.3.1: Solve equations involving several variables for one variable	0 of 29 students **(0%)**	12 of 29 students **(41%)**
A1.A.3.2: Simplify polynomial expressions	0 of 29 students **(0%)**	14 of 29 students **(48%)**
A1.A.3.3: Factor polynomial expressions	0 of 29 students **(0%)**	14 of 29 students **(48%)**
A1.A.3.4: Evaluate linear, absolute value, rational, and radical expressions	10 of 29 students **(34%)**	28 of 29 students **(96%)**
A1.A.3.5: Recognize that arithmetic sequences are linear; find the next term	0 of 29 students **(0%)**	22 of 29 students **(75%)**
A1.A.3.6: Recognize that geometric sequences are exponential; find the next term	0 of 29 students **(0%)**	26 of 29 students **(89%)**
A1.A.4.1: Calculate and interpret slope and intercepts of a line	0 of 29 students **(0%)**	21 of 29 students **(72%)**
A1.A.4.2: Solve mathematical and real-world problems involving lines	0 of 29 students **(0%)**	2 of 29 students **(6%)**
A1.A.4.3: Write the equation of a line	0 of 29 students **(0%)**	4 of 29 students **(13%)**
A1.A.4.4: Translate between a graph and a situation described qualitatively	4 of 29 students **(13%)**	26 of 29 students **(89%)**

A1.F: Functions:

Name of Standard	Initial Progress	Current Progress
A1.F.1.1: Distinguish between relations and functions	0 of 29 students **(0%)**	20 of 29 students **(68%)**
A1.F.1.2: Identify dependent and independent variables, domain, and range	0 of 29 students **(0%)**	15 of 29 students **(51%)**
A1.F.1.3: Write linear functions using function notation to model situations	0 of 29 students **(0%)**	16 of 29 students **(55%)**
A1.F.1.4: Read and interpret the graph of a linear piecewise function	4 of 29 students **(13%)**	26 of 29 students **(89%)**
A1.F.2.1: Distinguish between linear and nonlinear functions	0 of 29 students **(0%)**	18 of 29 students **(62%)**
A1.F.2.2: Recognize the graphs of $f(x)=x$ and $f(x)=\|x\|$; effects of transformations	0 of 29 students **(0%)**	5 of 29 students **(17%)**
A1.F.3.1: Identify and generate equivalent representations of linear functions	0 of 29 students **(0%)**	17 of 29 students **(58%)**
A1.F.3.2: Use function notation; evaluate a function	0 of 29 students **(0%)**	14 of 29 students **(48%)**
A1.F.3.3: Add, subtract, and multiply functions using function notation	0 of 29 students **(0%)**	10 of 29 students **(34%)**

A1.D: Data & Probability:

Name of Standard	Initial Progress	Current Progress
A1.D.1.1: Describe and compare data sets using summary statistics	28 of 29 students **(96%)**	29 of 29 students **(100%)**
A1.D.1.2: Use scatterplots to analyze patterns and describe linear relations	0 of 29 students **(0%)**	19 of 29 students **(65%)**
A1.D.1.3: Interpret graphs as being discrete or continuous	TD	TD
A1.D.2.1: Select and apply counting procedures	TD	TD
A1.D.2.2: Describe the concepts of intersections, unions, and complements	28 of 29 students **(96%)**	29 of 29 students **(100%)**
A1.D.2.3: Calculate experimental probabilities	0 of 29 students **(0%)**	13 of 29 students **(44%)**
A1.D.2.4: Apply probability concepts to make informed decisions	TD	TD