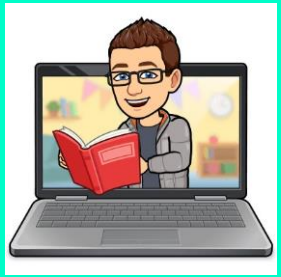
Mountain View School District

School Board Meeting
November 8, 2021

Mr. Douglas Womelsdorf
Director of Curriculum



How are student expectations mapped?

pennsylvania
DEPARTMENT OF EDUCATION

Mathematics, Grade 04

M04.A-F Numbers and Operations—Fractions — **Reporting Category**

ASSESSMENT ANCHOR			
M04.A-F.1	**Extend understanding of fraction equivalence and ordering.**		
	DESCRIPTOR		**ELIGIBLE CONTENT**
M04.A-F.1.1	Find equivalencies and compare fractions.	**M04.A-F.1.1.1**	Recognize and generate equivalent fractions.
		M04.A-F.1.1.2	Compare two fractions with different numerators and different denominators (denominators limited to 2, 3, 4, 5, 6, 8, 10, 12, and 100) using the symbols >, =, or < and justify the conclusions.

Reference:

CC.2.1.4.C.1

Extend the understanding of fractions to show equivalence and ordering.

UNDERSTANDING BENCHMARK AND DIAGNOSTIC ASSESSMENTS

	Q1	Q2	Q3	Q4	Q5
Grade 6					
Grade 5					
Grade 4					
Grade 3					
Grade 2					

Note: Assessments do not adjust based on student responses.

	Q1	Q2	Q3	Q4	Q5
Grade 6					
Grade 5					
Grade 4					
Grade 3					
Grade 2					

Note: Assessments adjust based on student responses.

2021 PSSA English Language Arts (ELA) Results

	Below Basic	Basic	Proficient	Advanced	Number of Students
Grade 3	18	43	39	0	55
Grade 4	19	34	38	9	61
Grade 5	14	40	42	4	57
Grade 6	6	40	48	6	50
Grade 7	4	43	47	6	53
Grade 8	5	53	55	10	60

2021 PSSA Mathematics Results

	Below Basic	Basic	Proficient	Advanced	Number of Students
Grade 3	52	30	15	3	54
Grade 4	43	42	13	2	62
Grade 5	28	47	24	1	58
Grade 6	38	42	16	4	50
Grade 7	35	31	26	8	54
Grade 8	40	27	25	8	59

2021 PSSA Science Results

	Below Basic	Basic	Proficient	Advanced	Number of Students
Grade 4	11	19	52	18	62
Grade 8	12	19	39	30	59

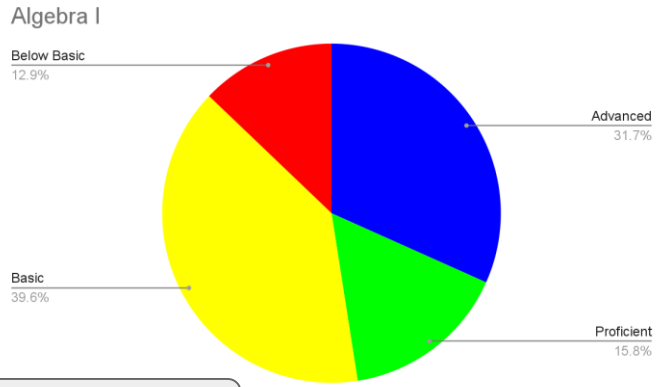
Tracing a cohort from 2017 (Grade 4) to 2021 (Grade 8) in PSSA....

This graph follows a cohort of students from Grade 4 (2017) through Grade 8 (2021) in the areas of English Language Arts, Mathematics, and Science.

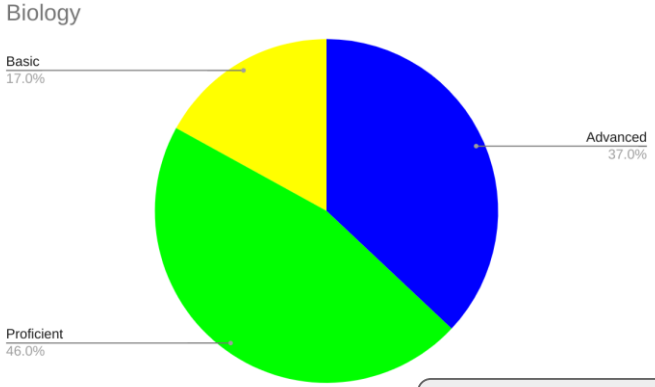
2017	2018	2019	2020	2021
PSSA (Grade 4)	**PSSA (Grade 5)**	**PSSA (Grade 6)**	**PSSA (Grade 7)**	**PSSA (Grade 8)**
ELA 70% A/P	ELA 70% A/P	ELA 68% A/P	No state assessments were given during this academic year.	ELA 65% A/P
Math 70% A/P	Math 68% A/P	Math 47% A/P		Math 34% A/P
Science 86% A/P				Science 70% A/P

Note: For SY 21-22, one of our professional development focus areas is mathematics in all grades from Grade K through Algebra I. (Everyday Math and iReady)

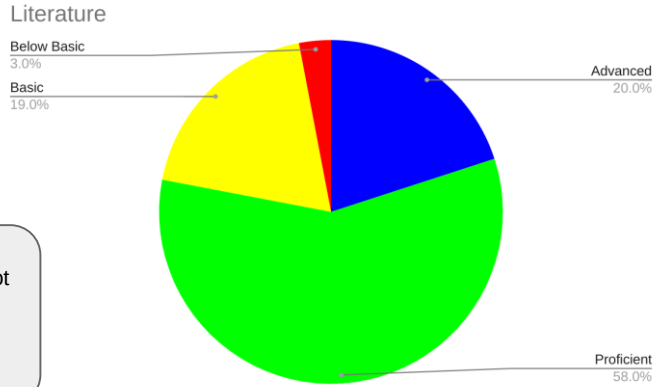
Spring 2021 Keystone Assessment Data - A snapshot…



Note: 95% of Grade 8 students were Advanced or Proficient

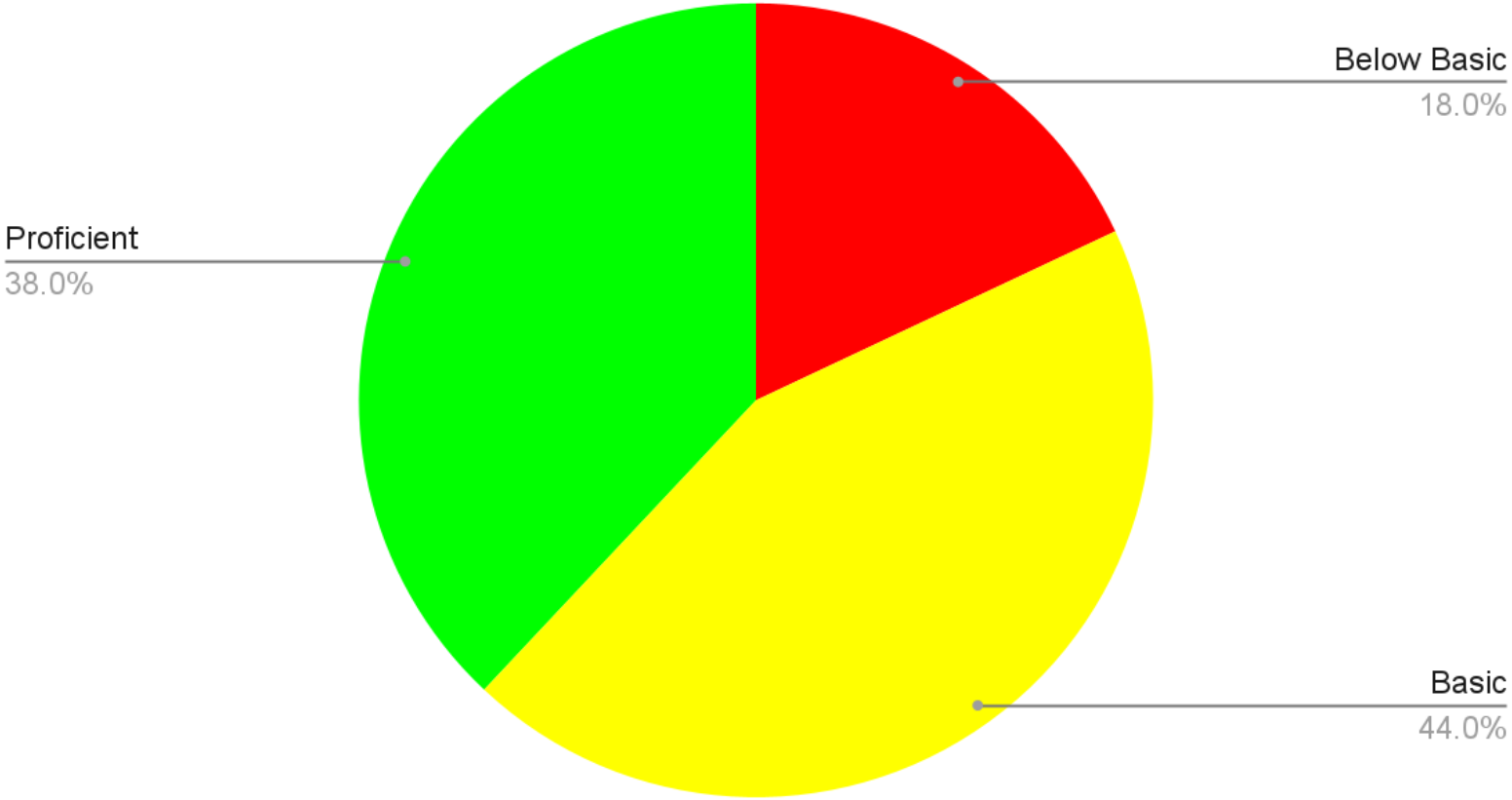


Note: No students scored Below Basic.

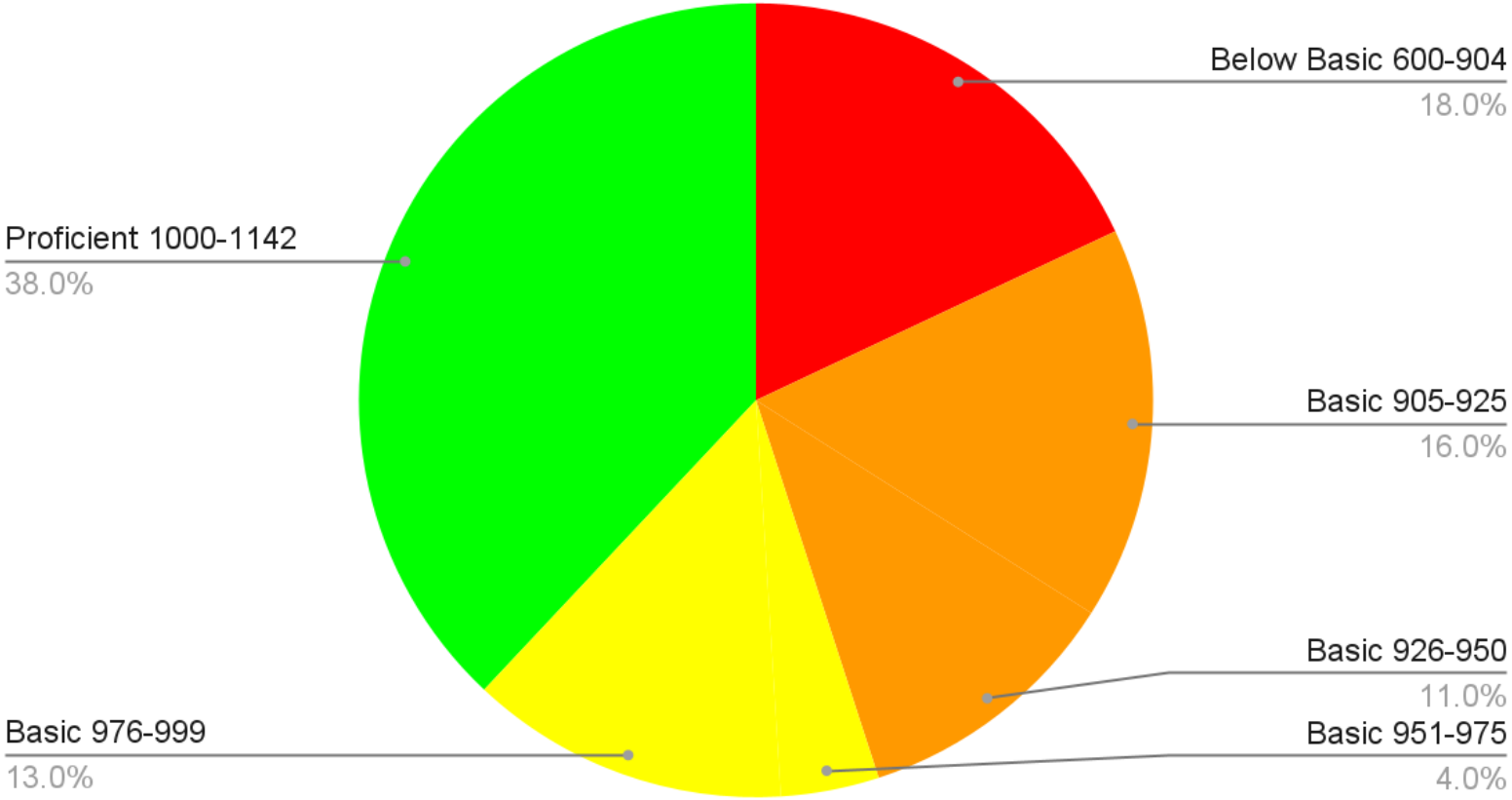


Note: Remediation may be different for students who did not successfully pass the Literature Keystone because of the sequence of courses in English Language Arts.

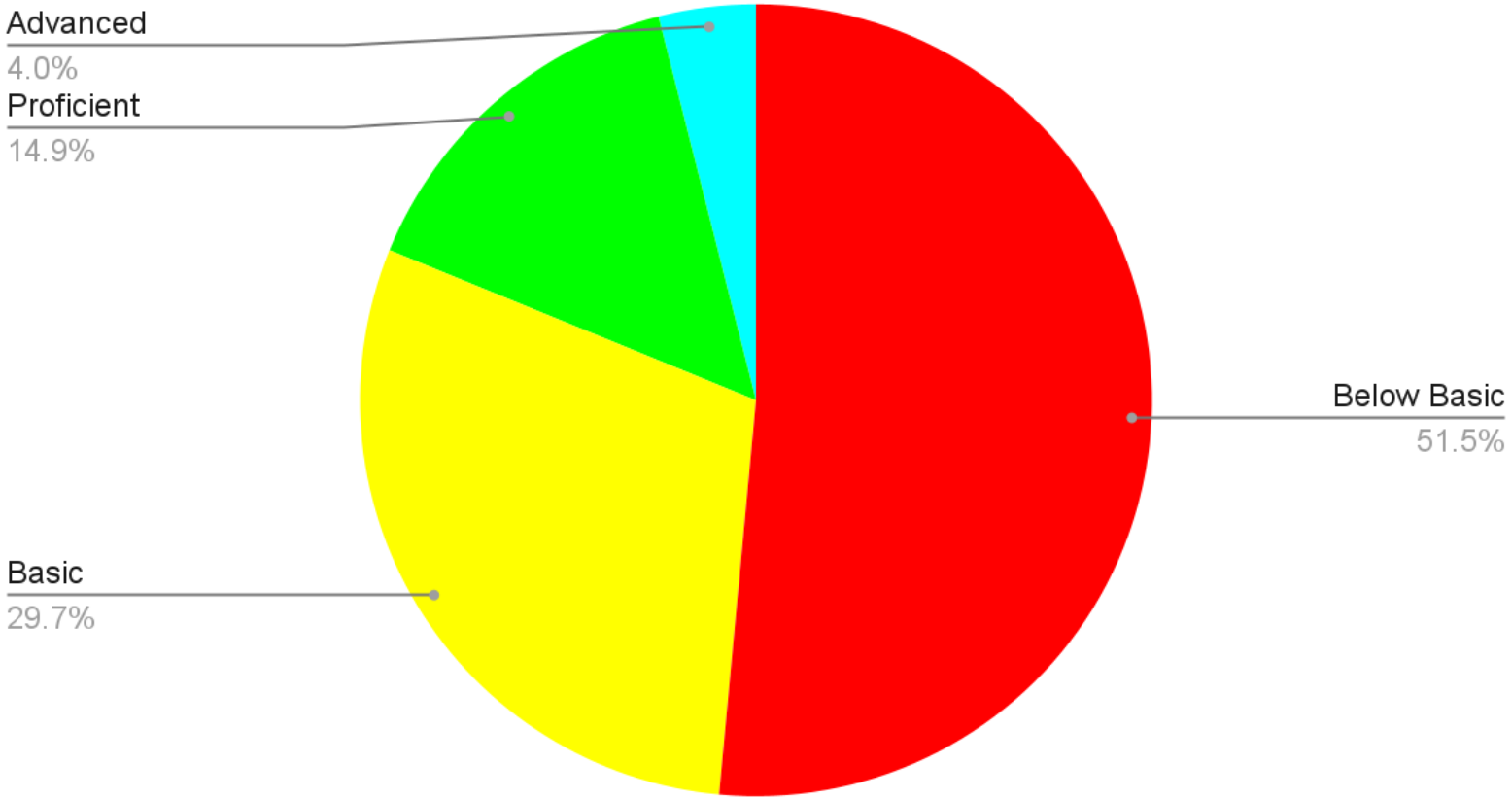
Spring 2021 PSSA - Grade 3 English Language Arts



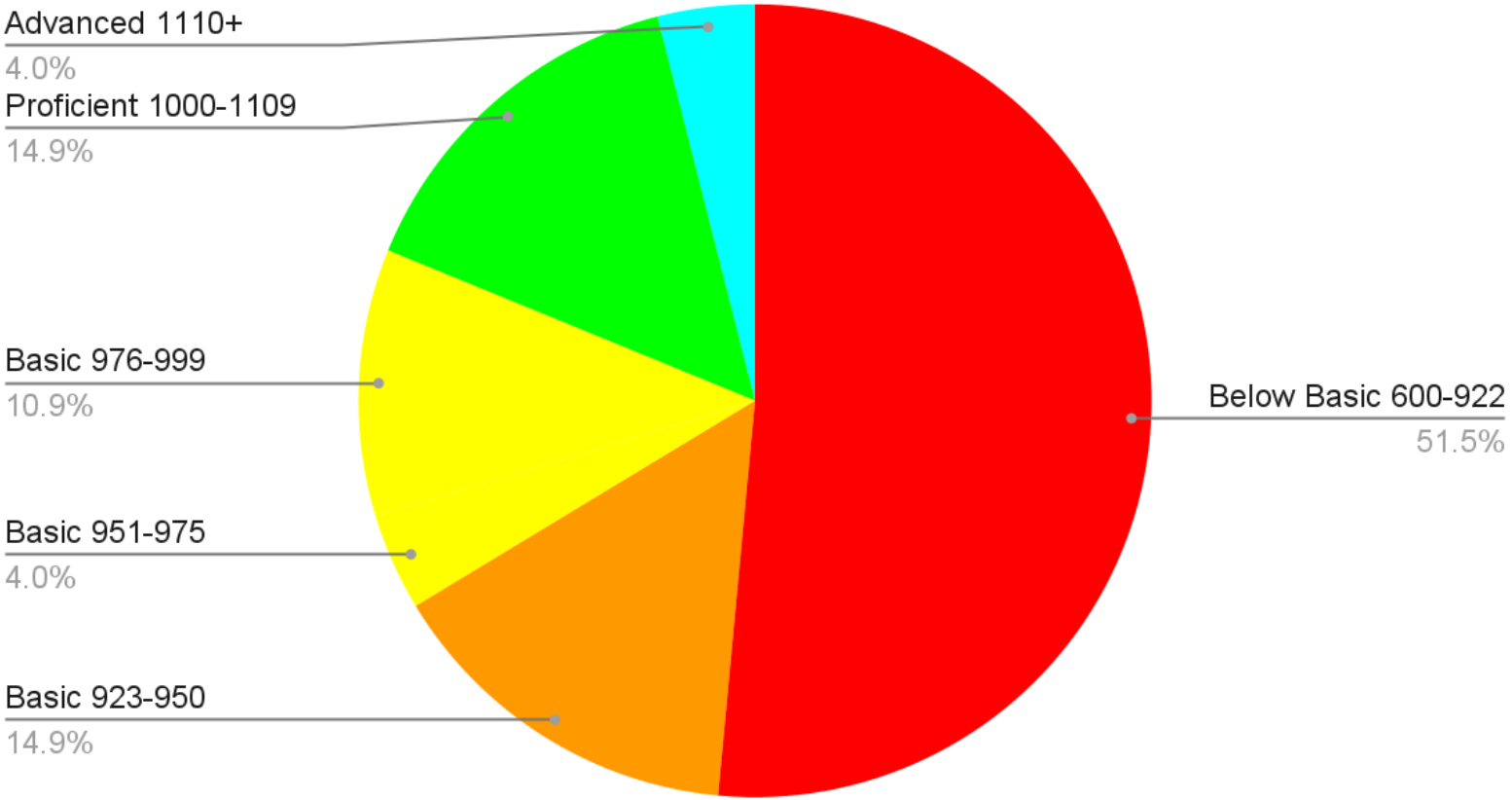
Spring 2021 PSSA - Grade 3 English Language Arts



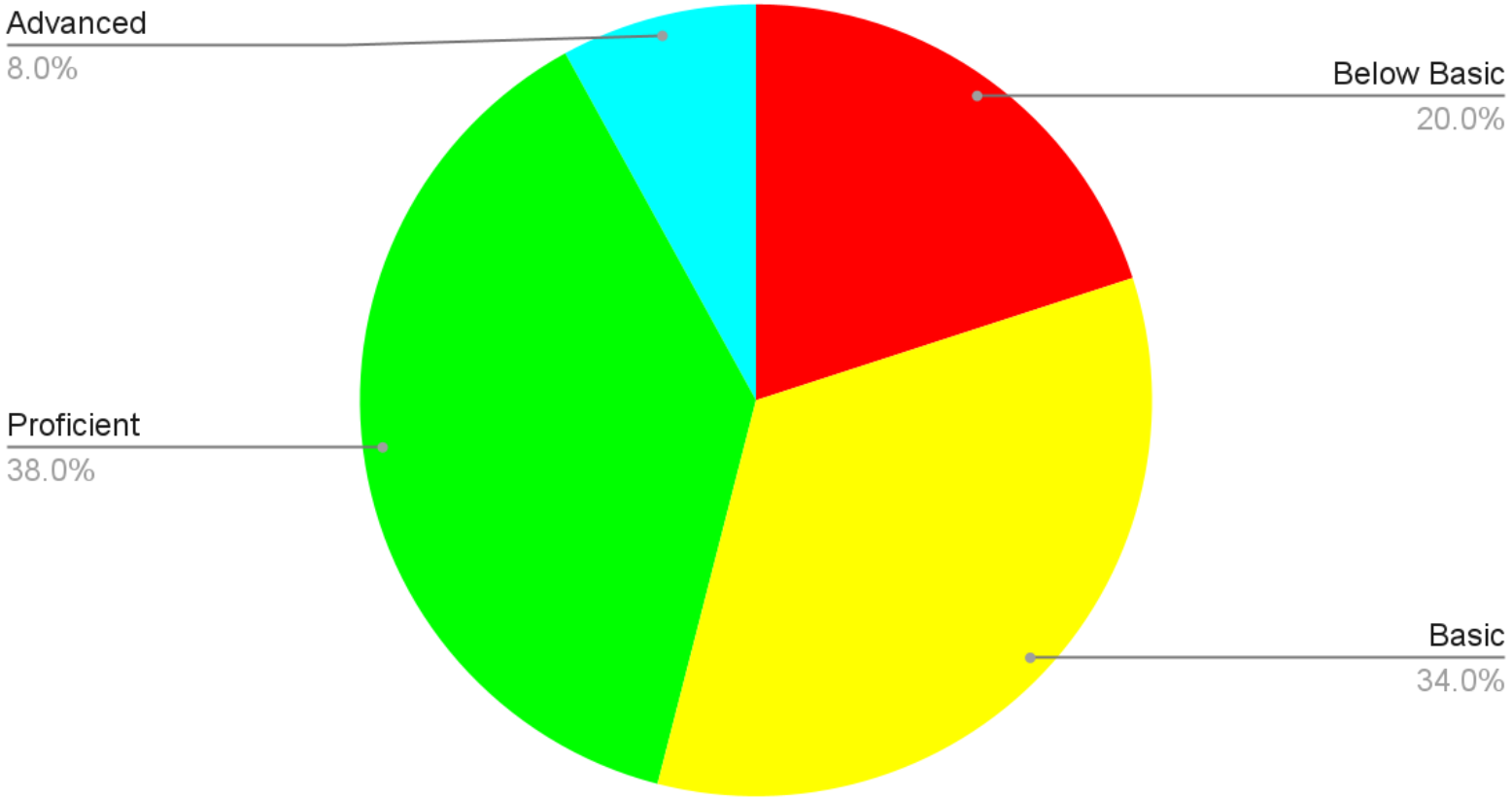
Spring 2021 PSSA - Grade 3 Mathematics



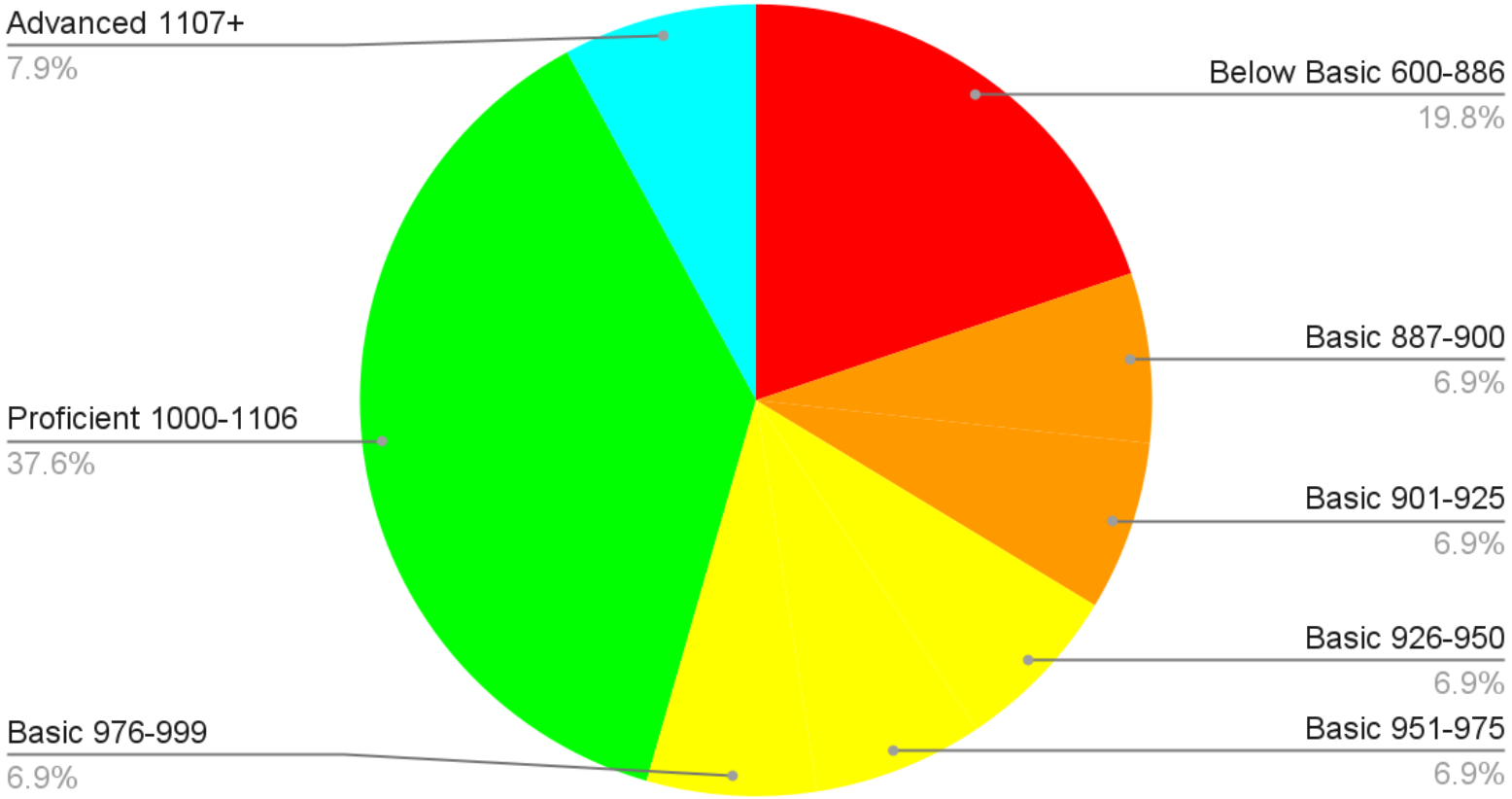
Spring 2021 PSSA - Grade 3 Mathematics



Spring 2021 PSSA - Grade 4 English Language Arts



Spring 2021 PSSA - Grade 4 English Language Arts



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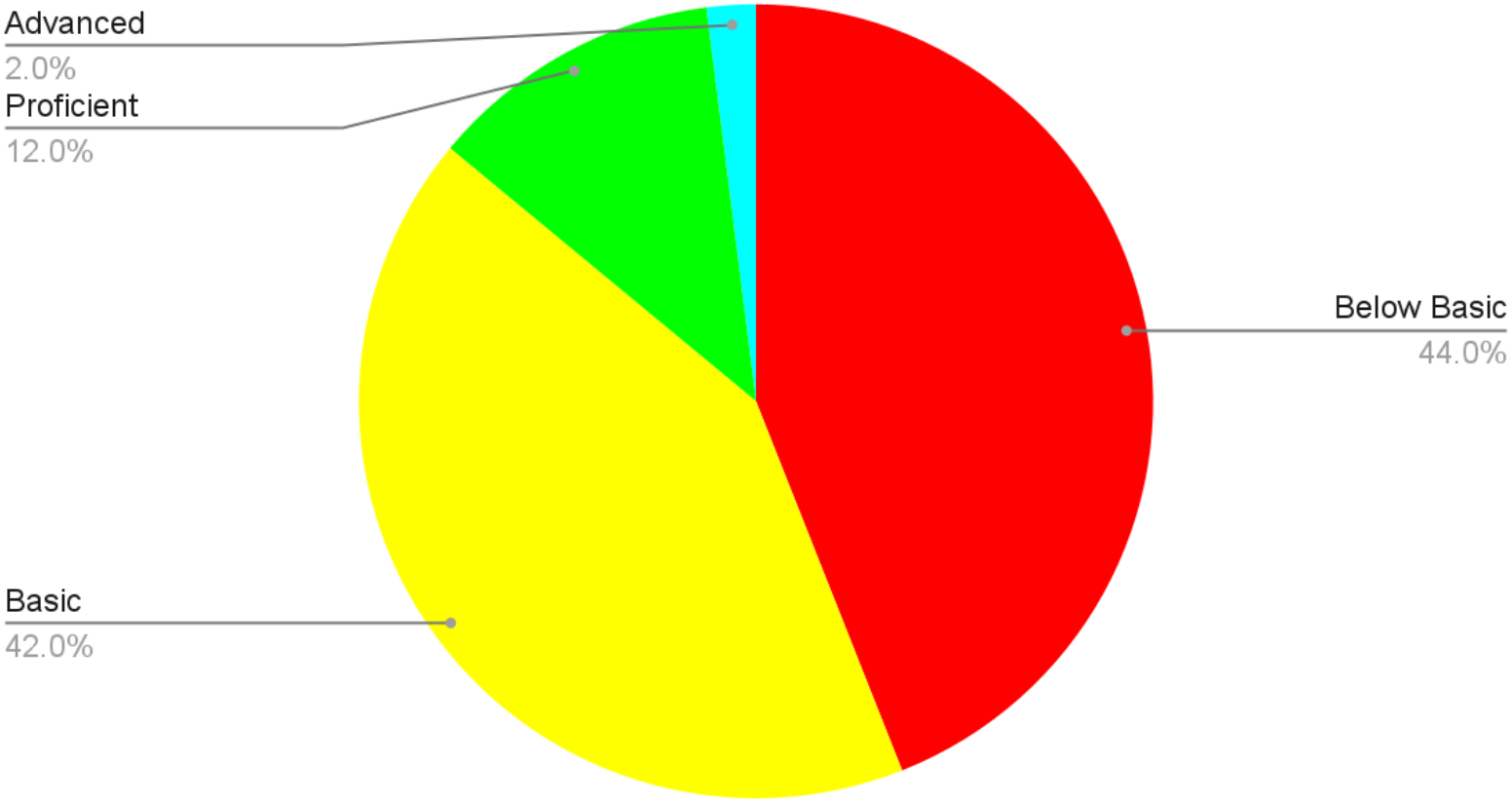

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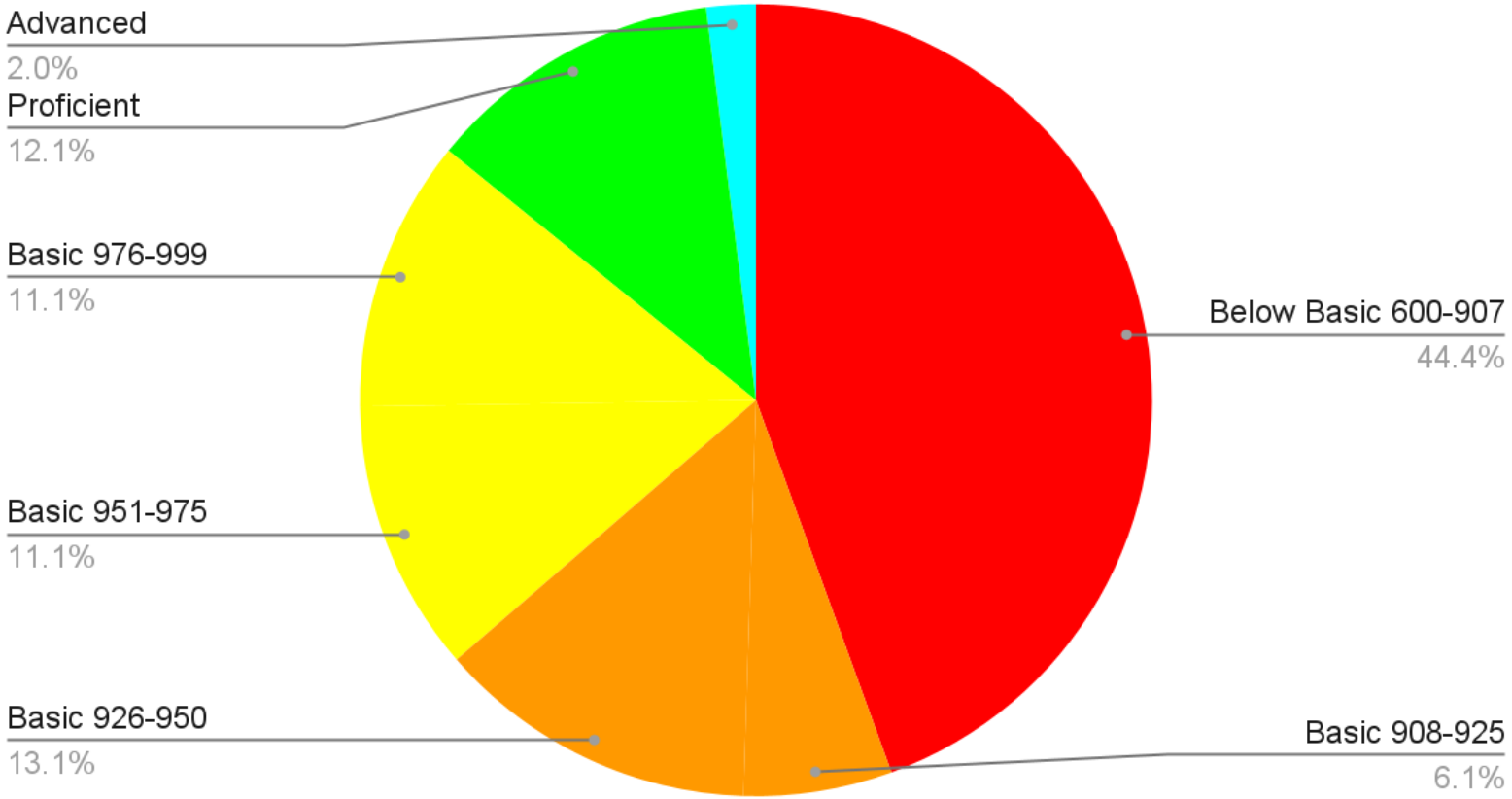
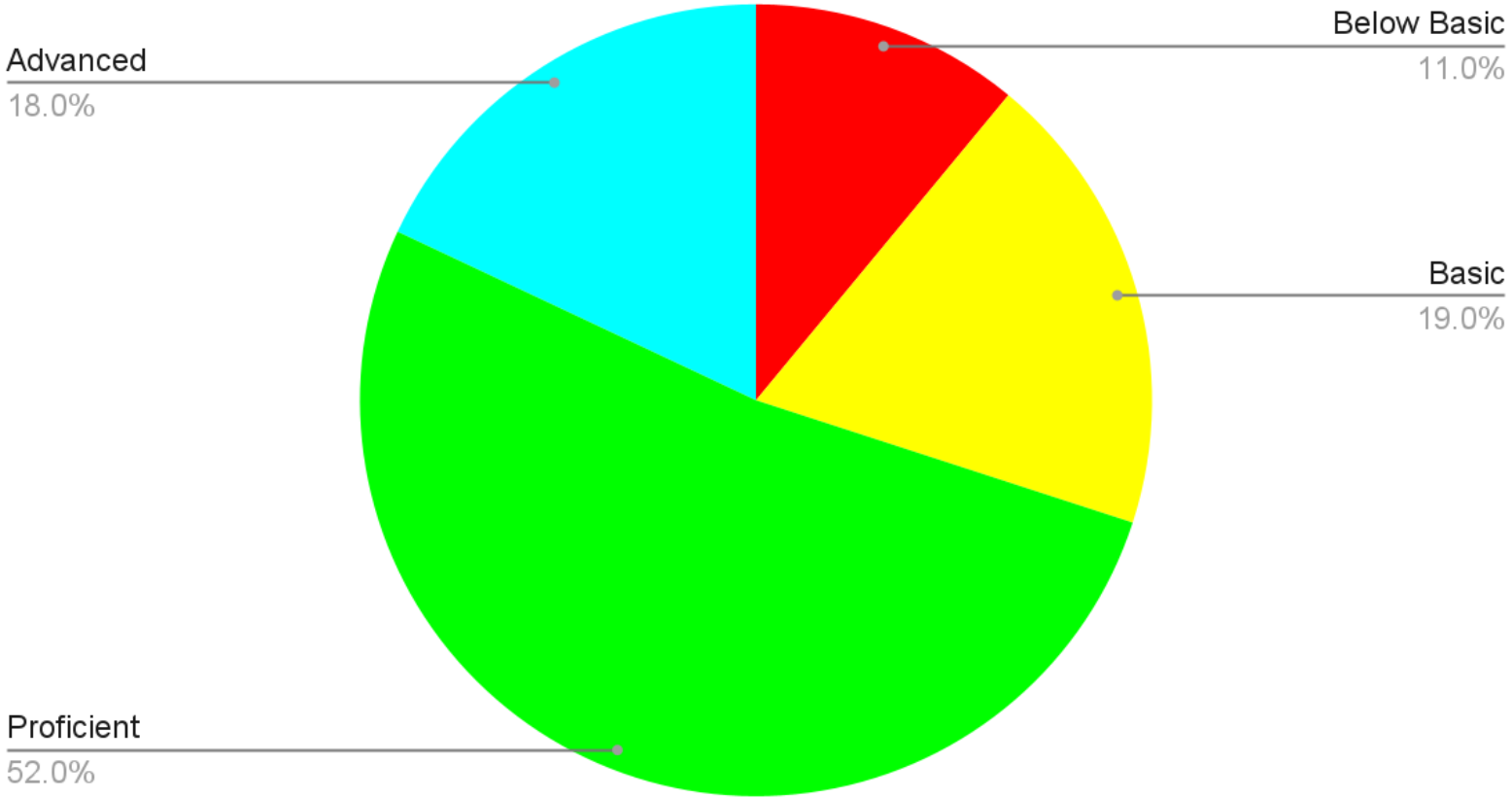
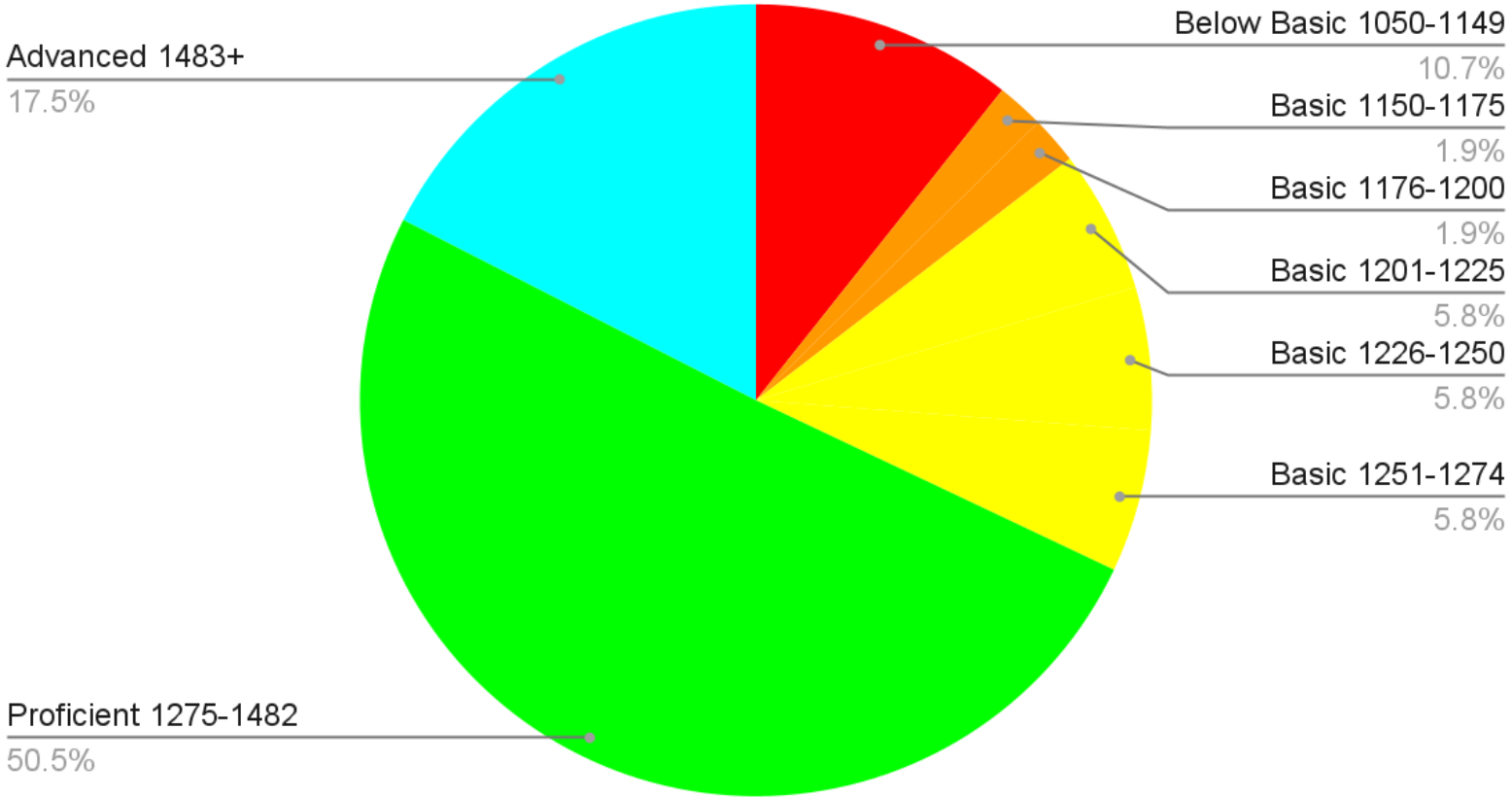


Spring 2021 PSSA - Grade 4 Science



Spring 2021 PSSA - Grade 4 Science



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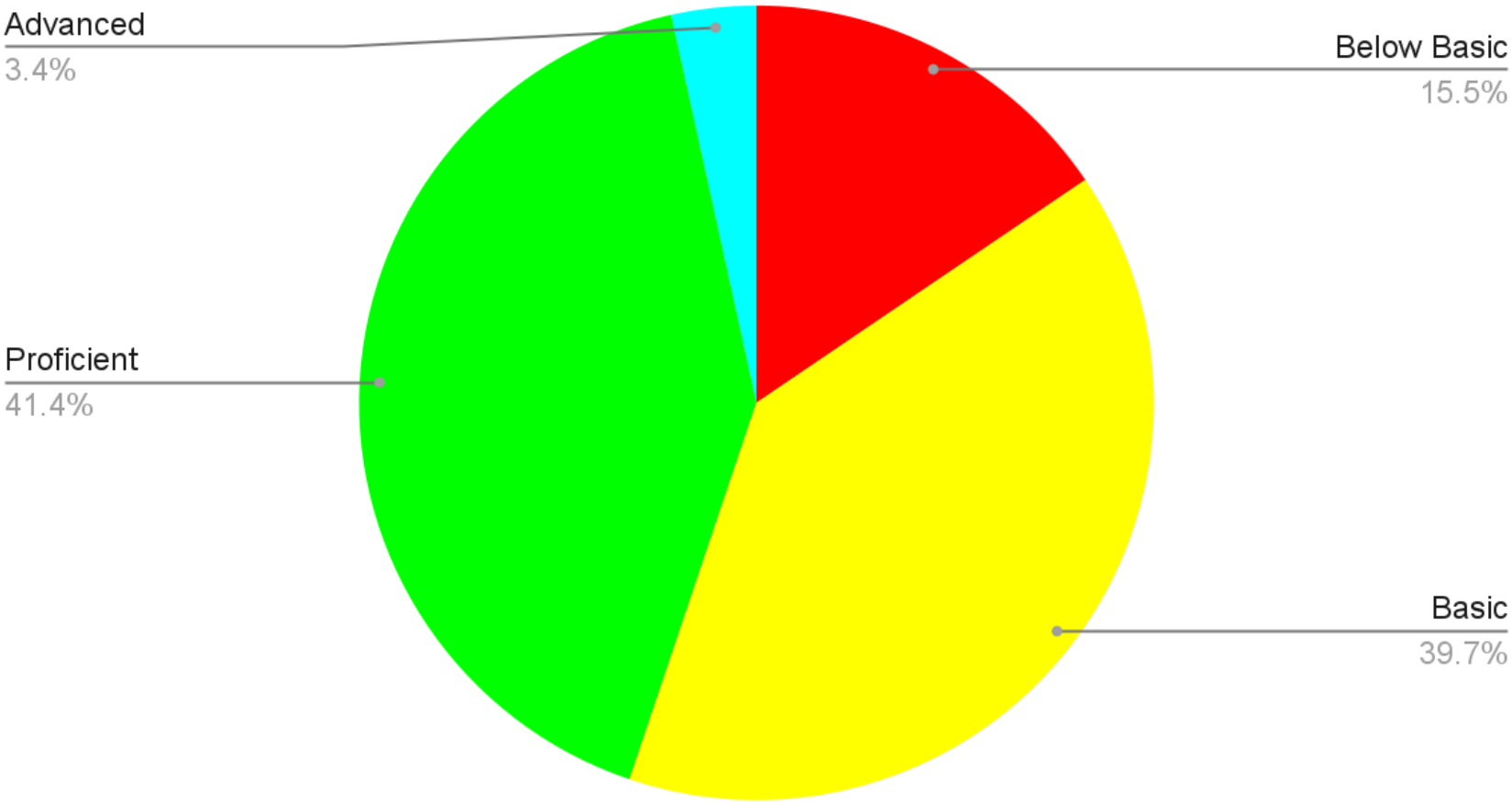
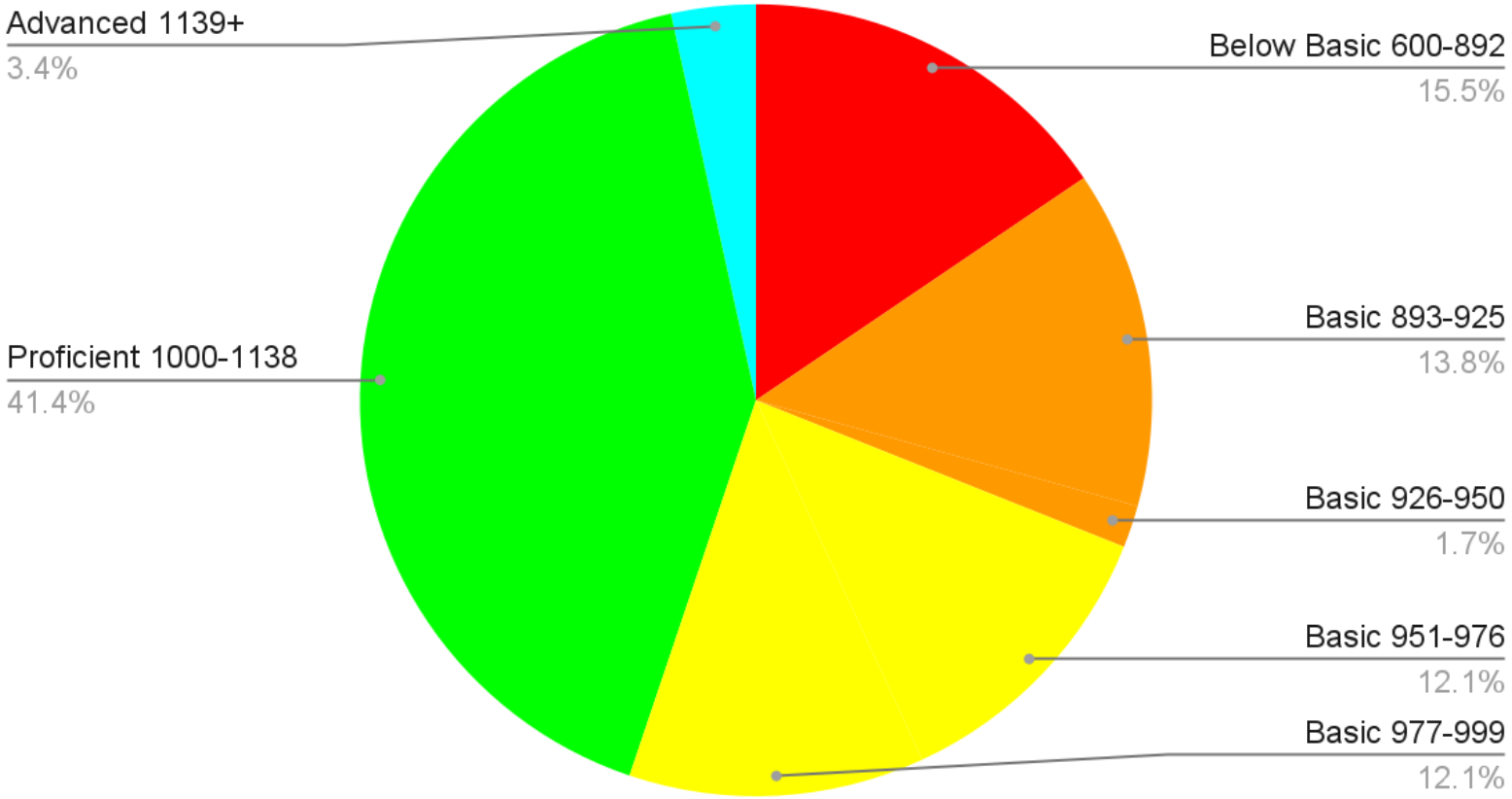


Spring 2021 PSSA - Grade 5 English Language Arts



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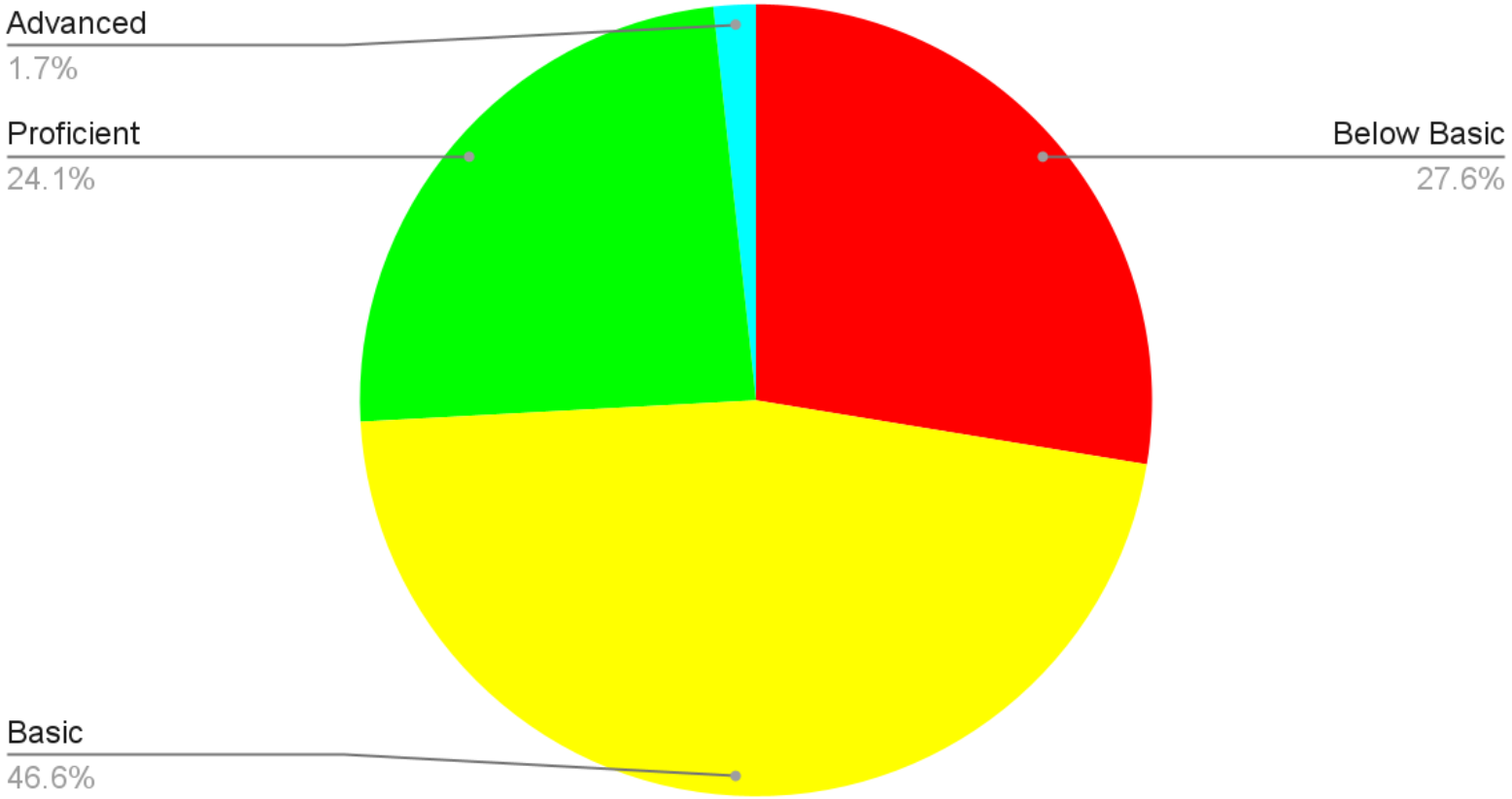

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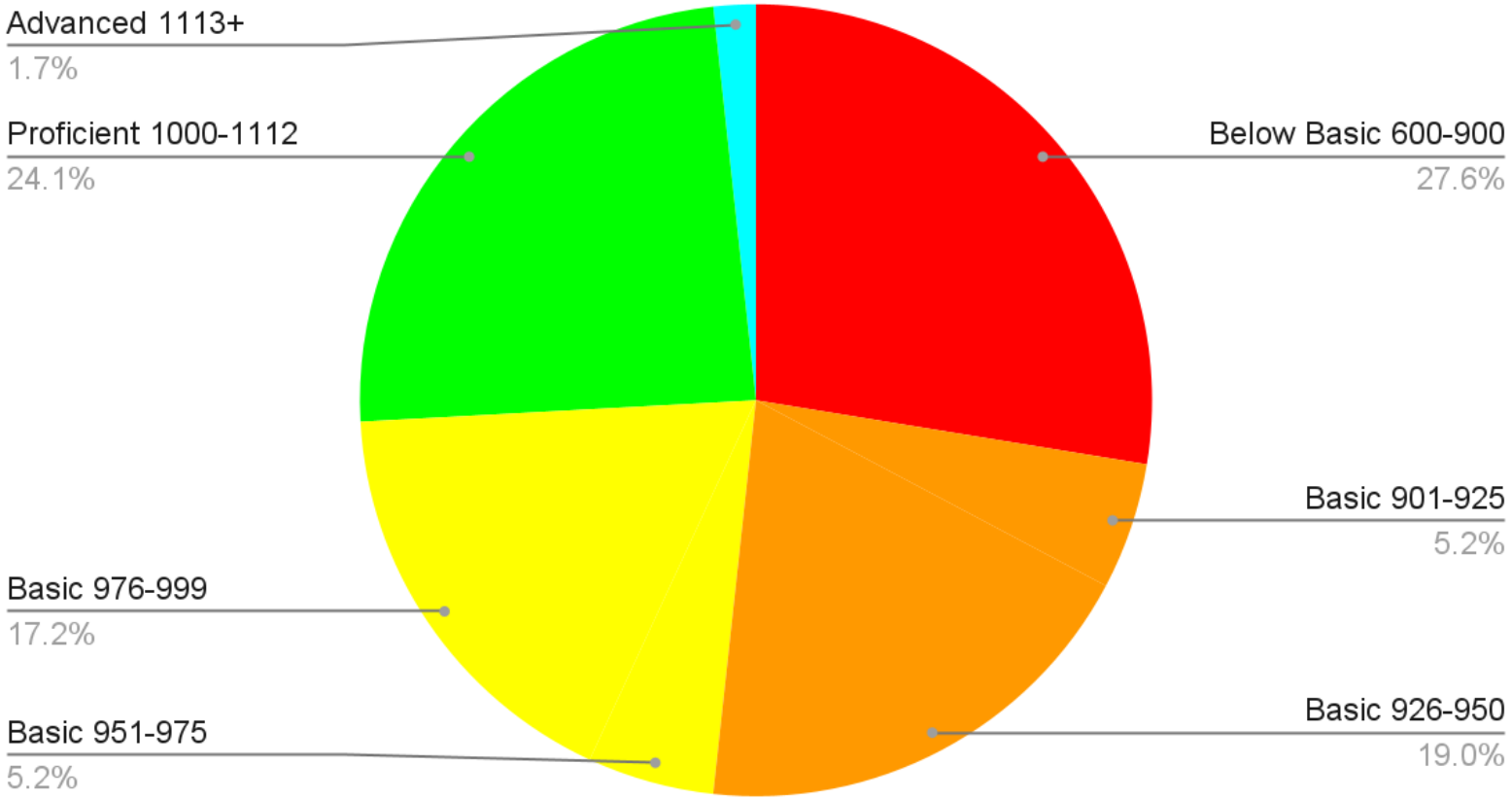
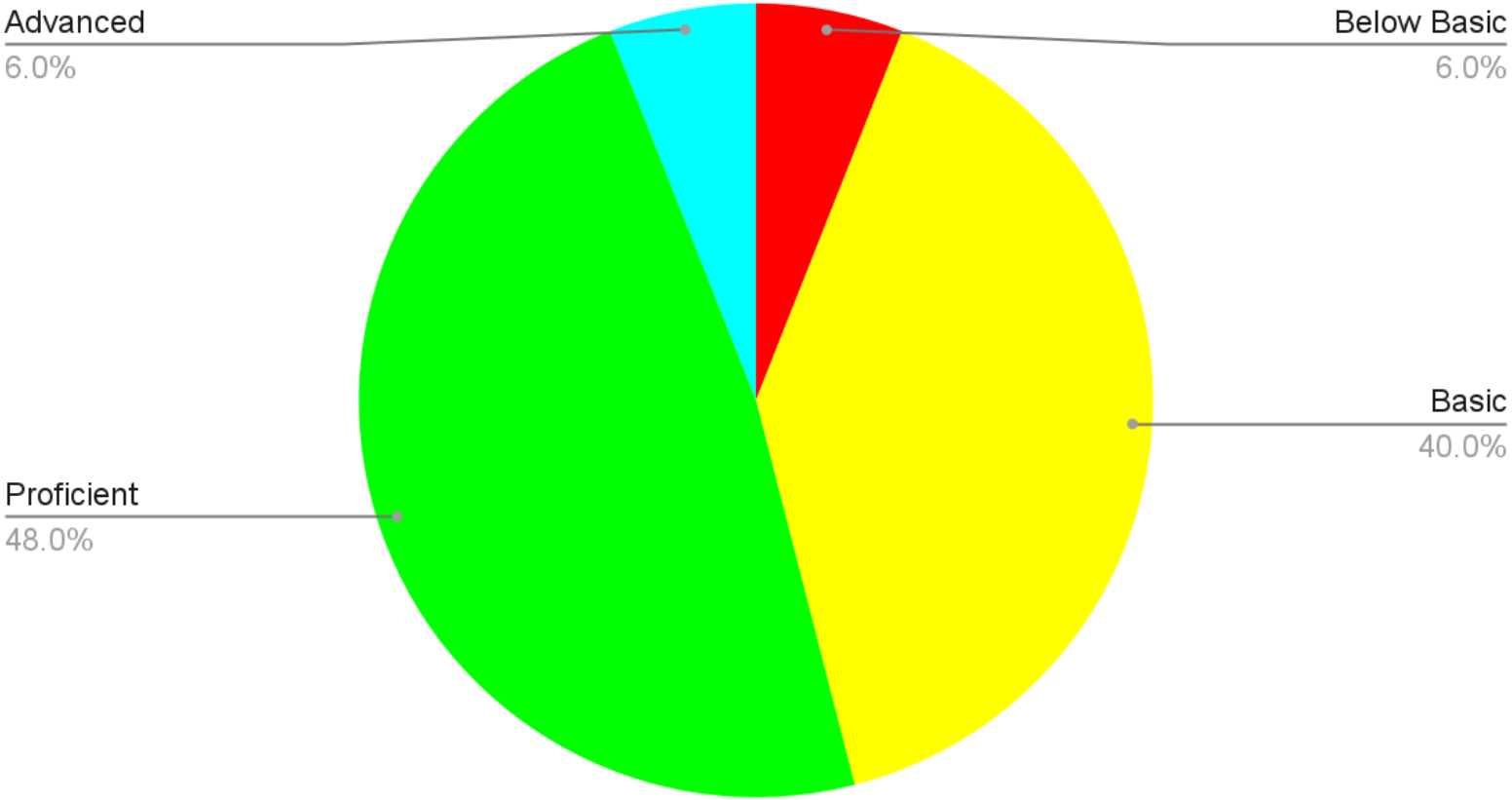


Spring 2021 PSSA - Grade 6 English Language Arts



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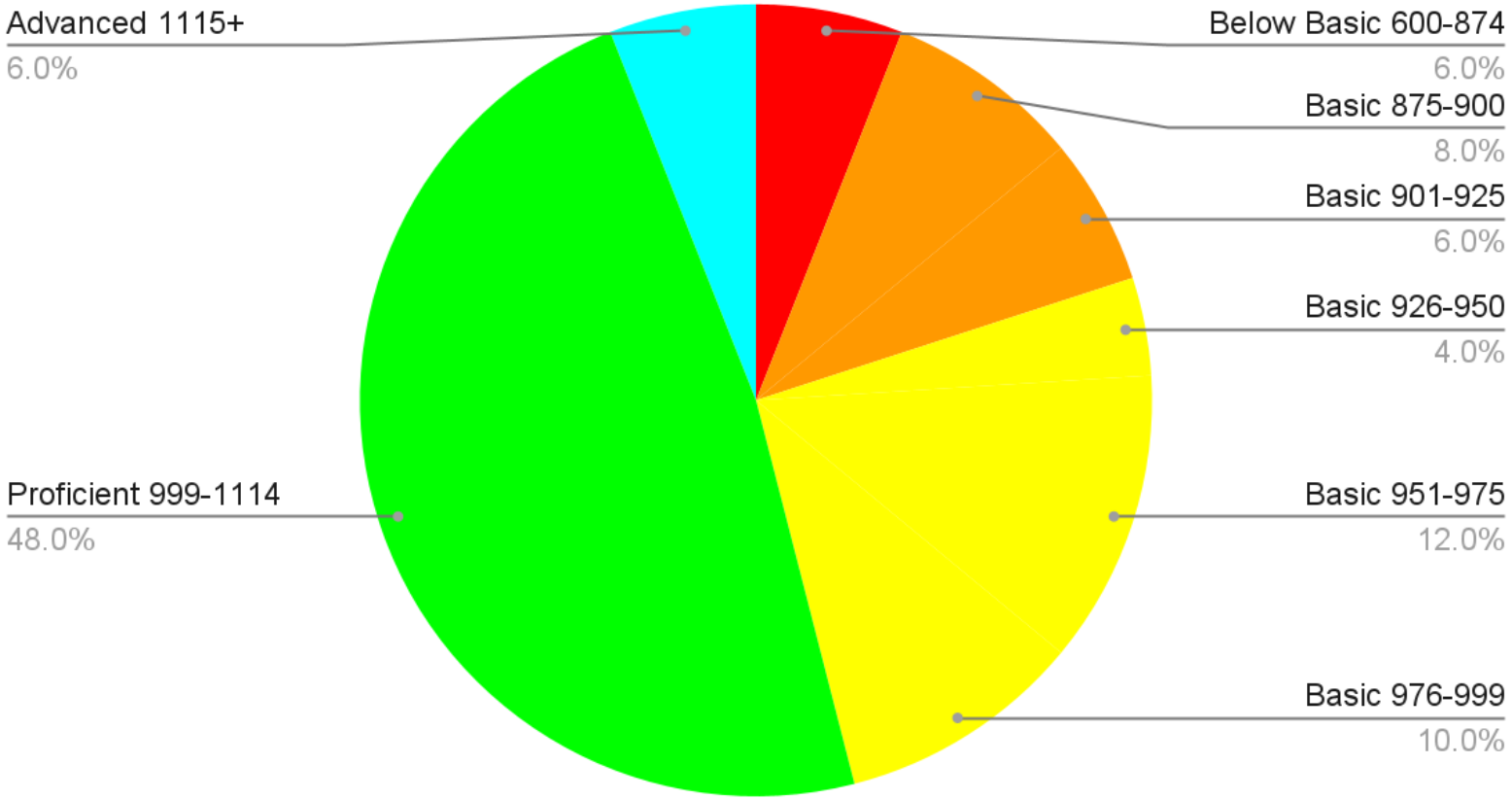

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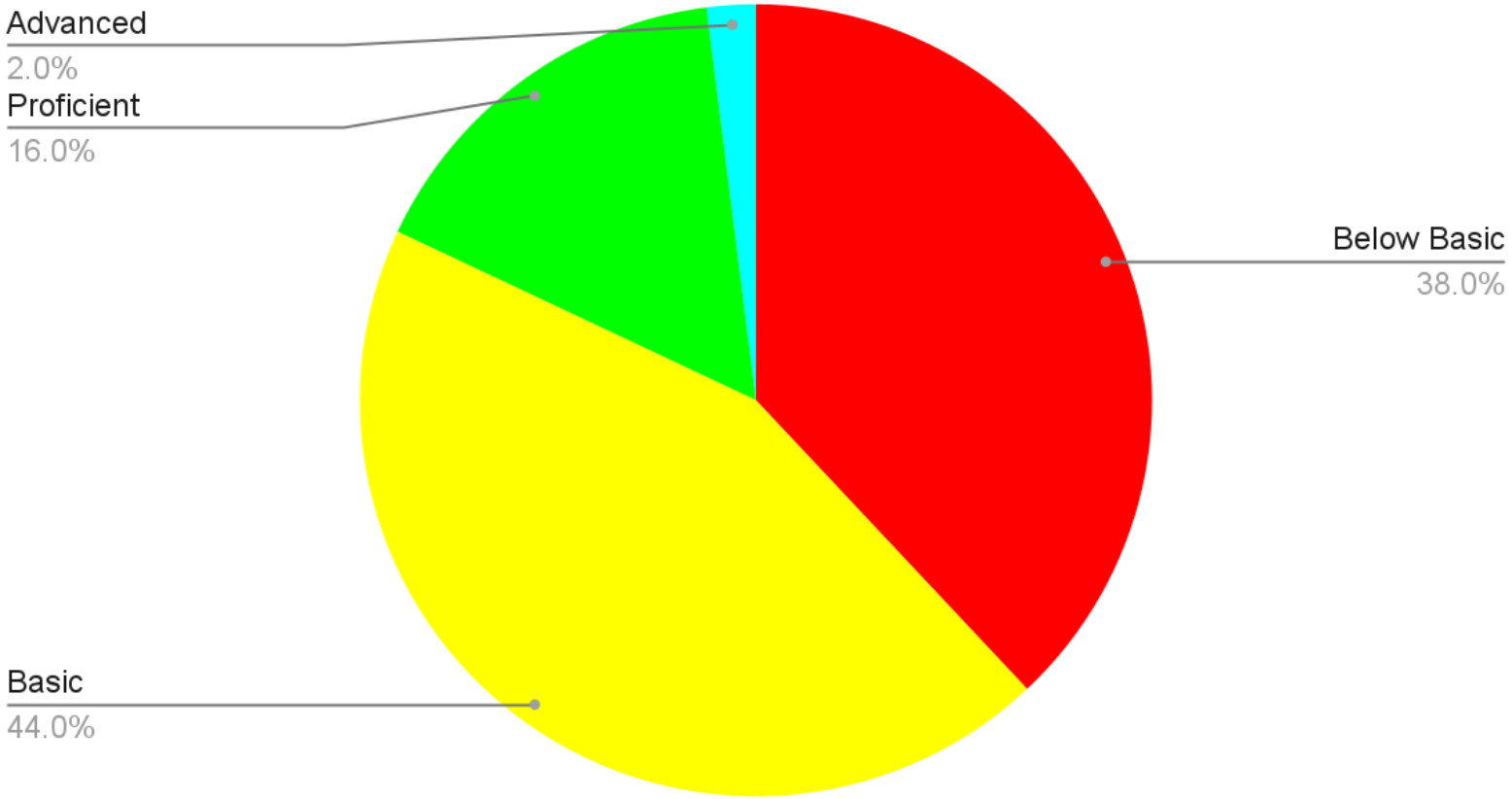

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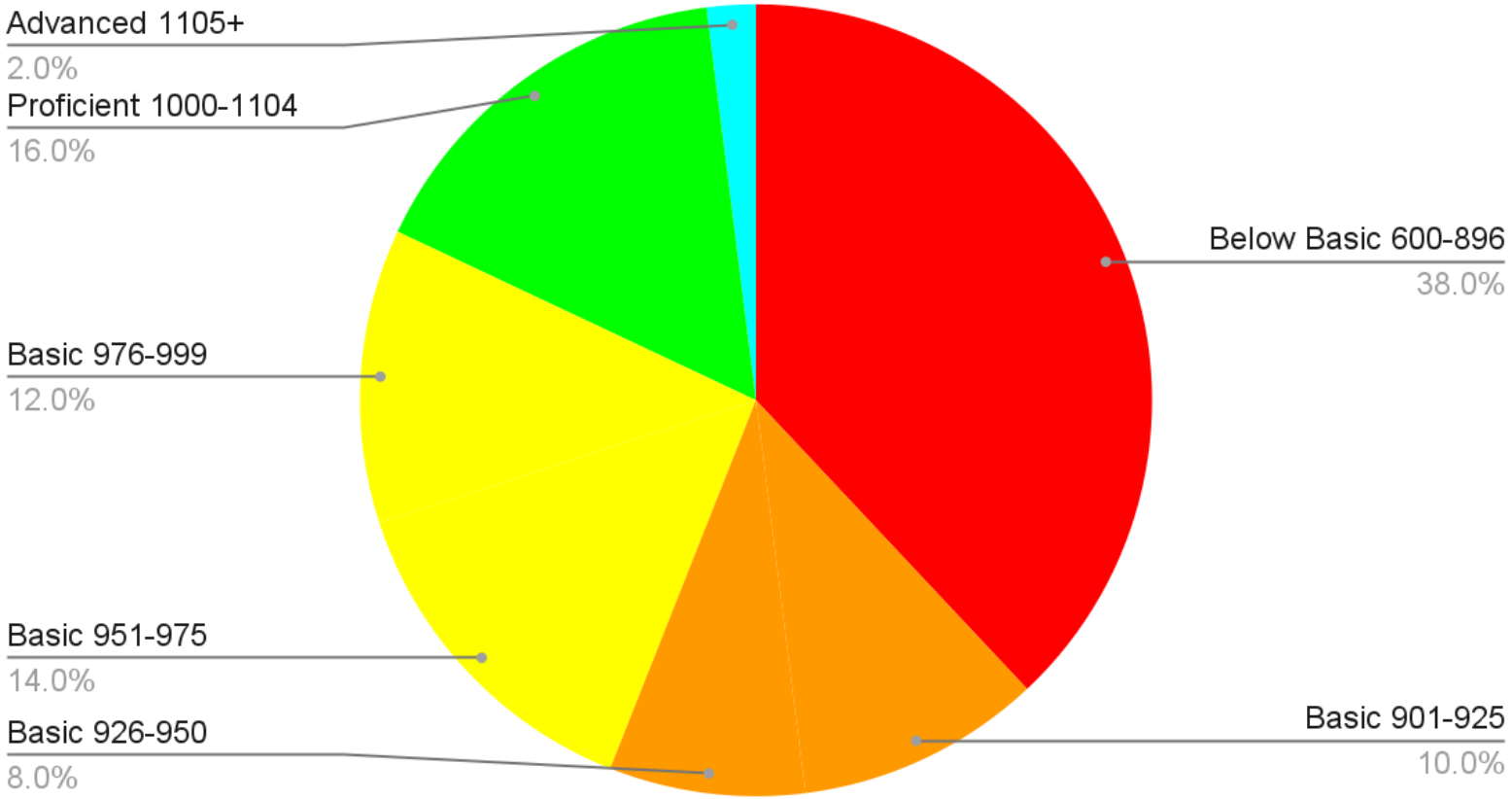
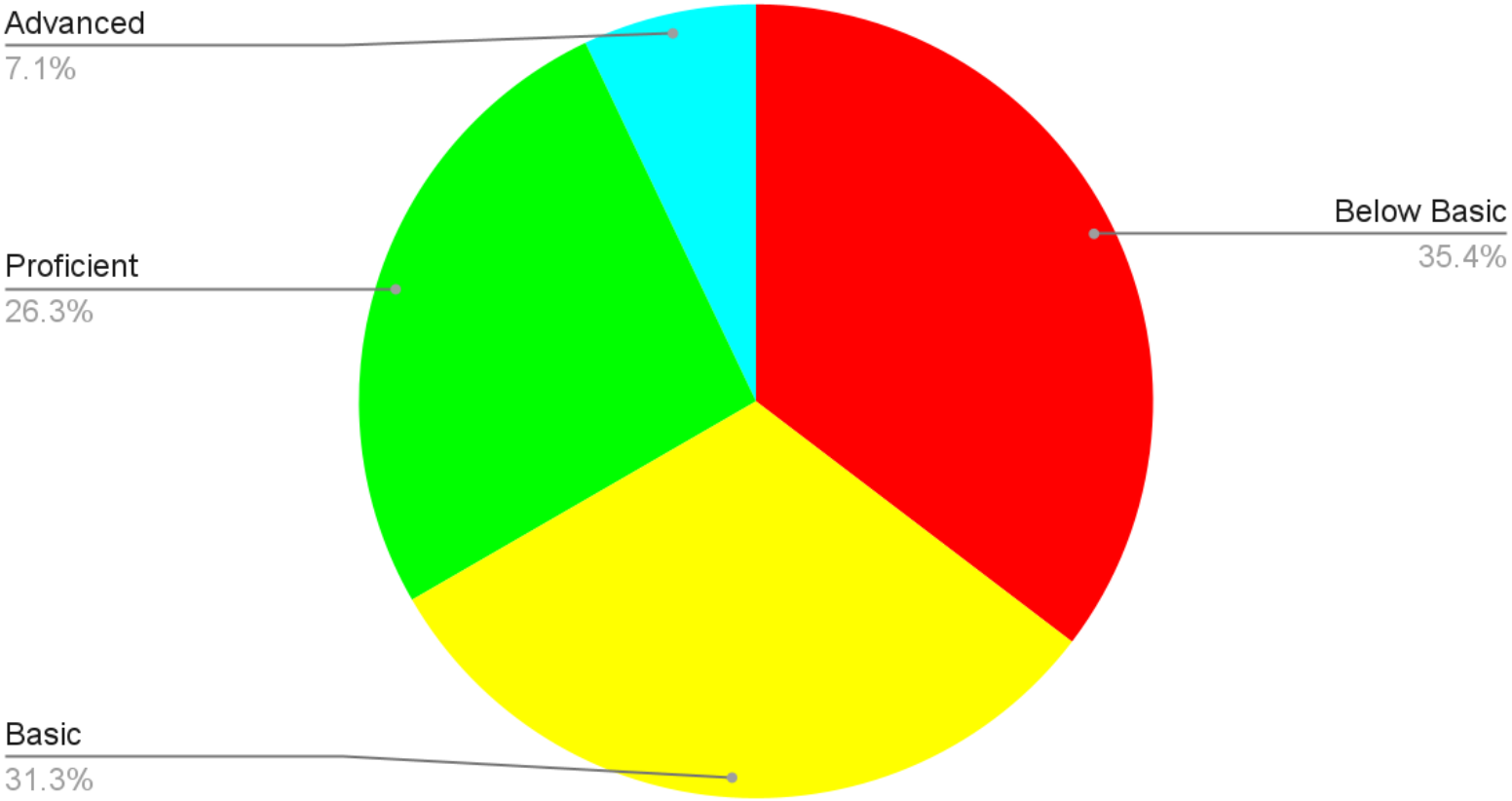


Spring 2021 PSSA - Grade 7 English Language Arts



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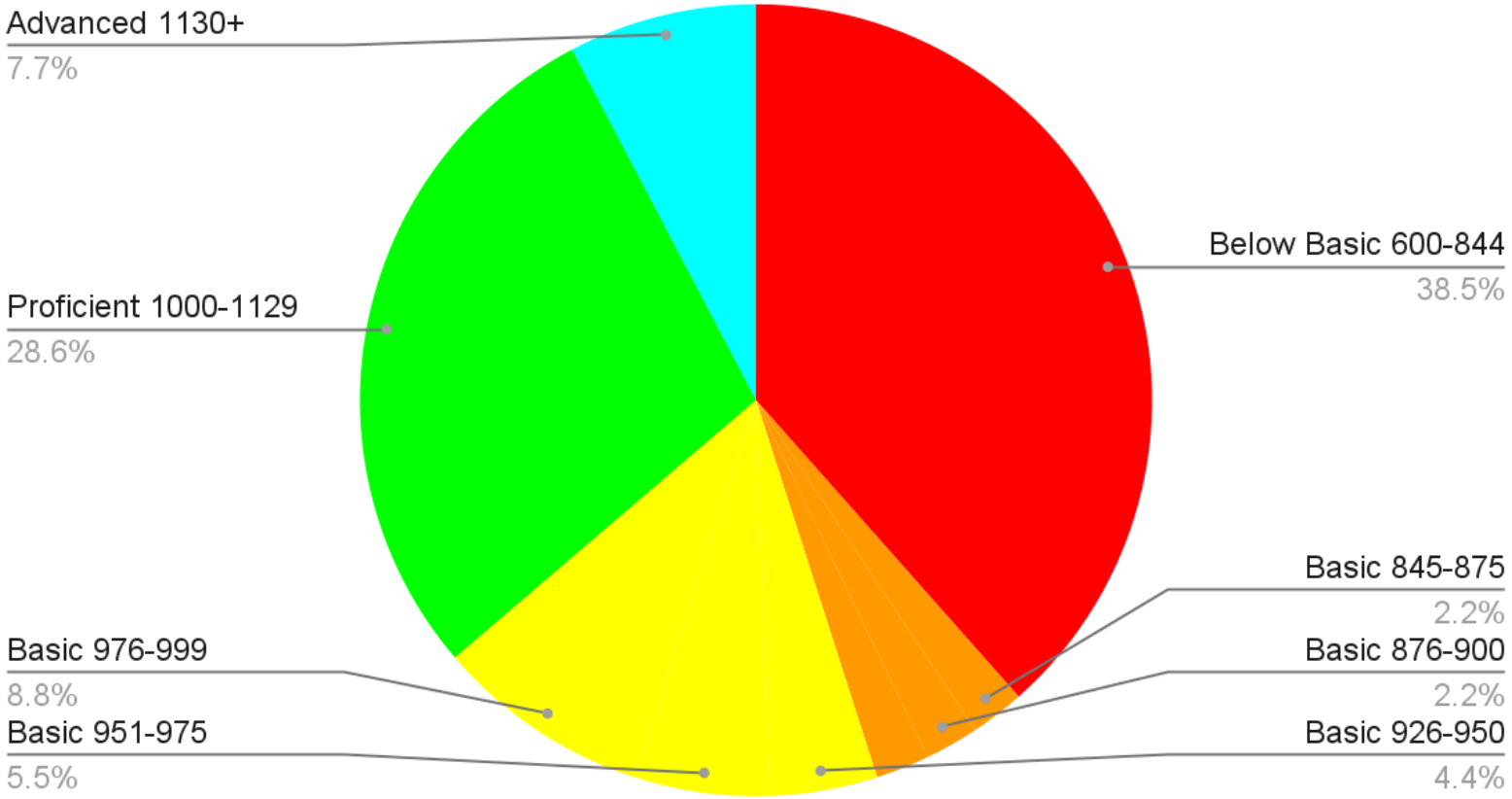

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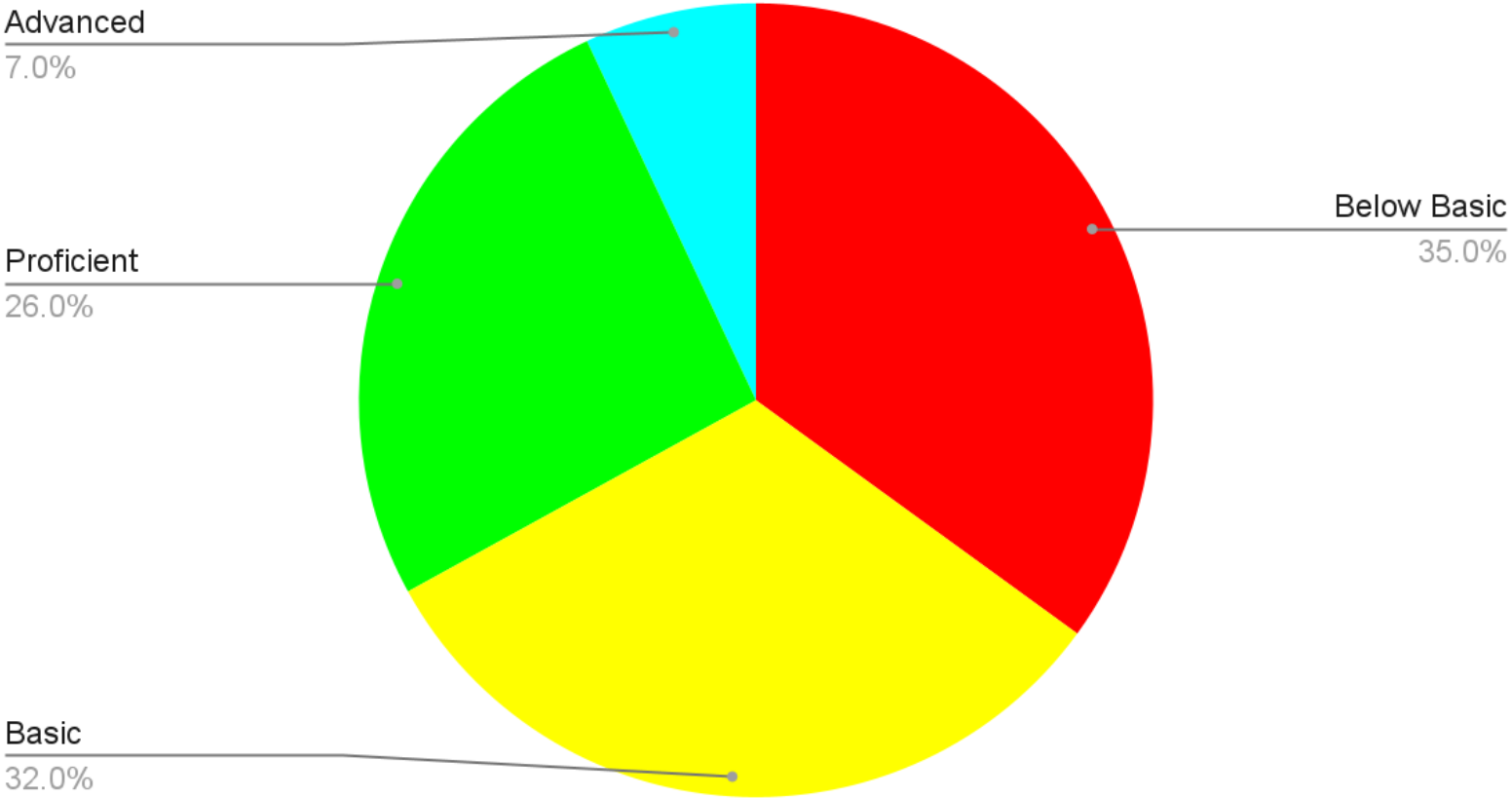

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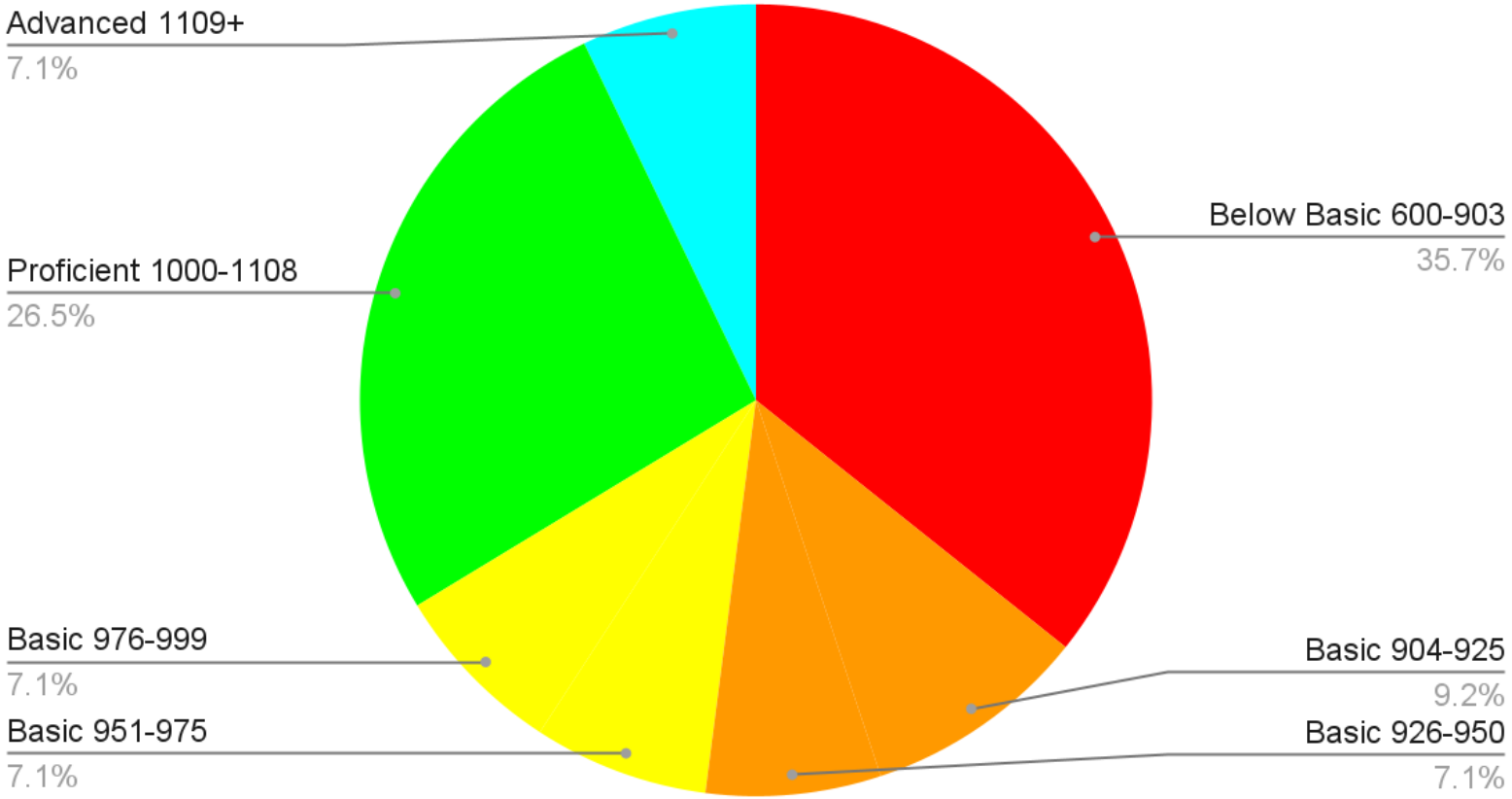
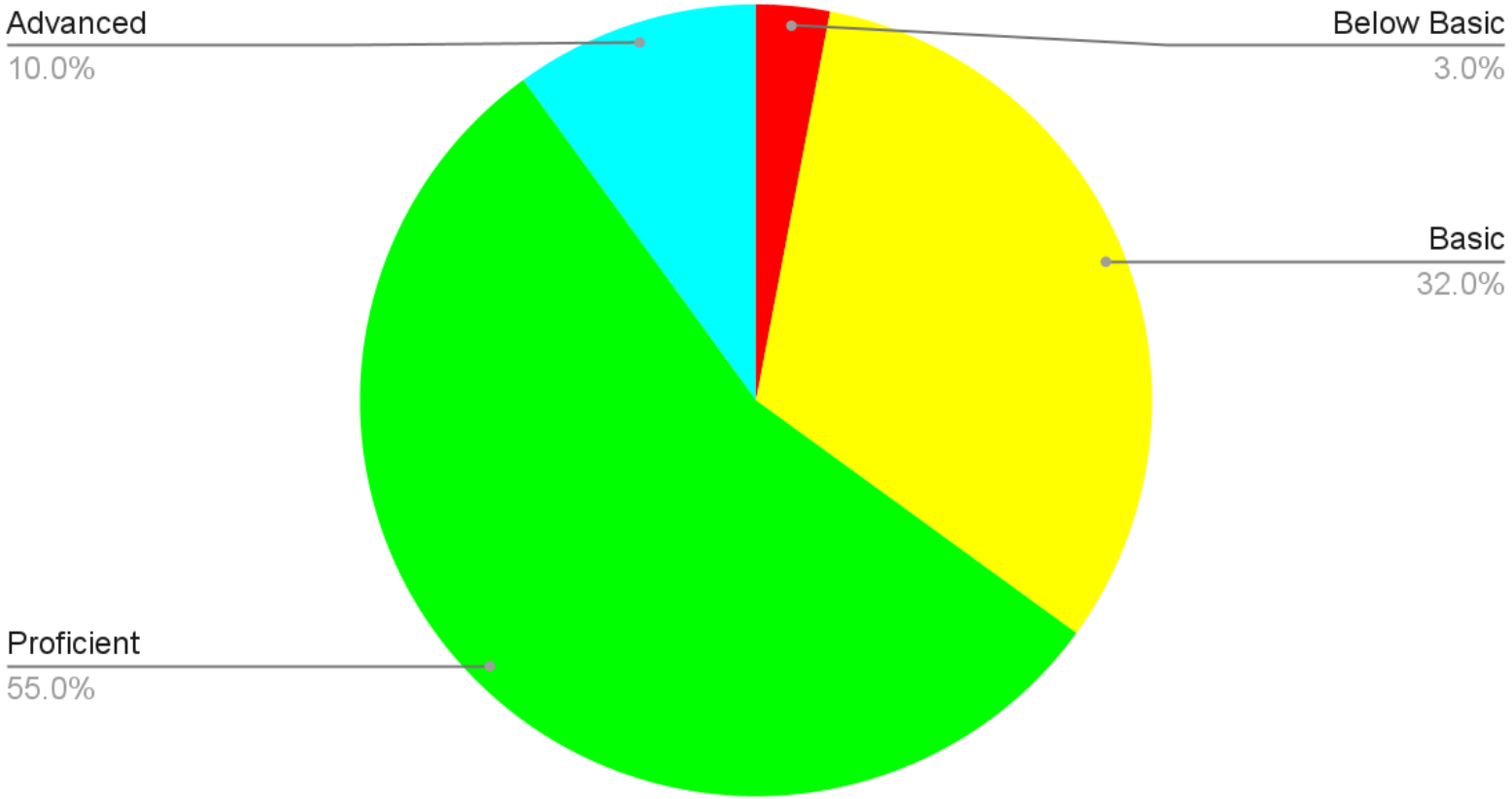
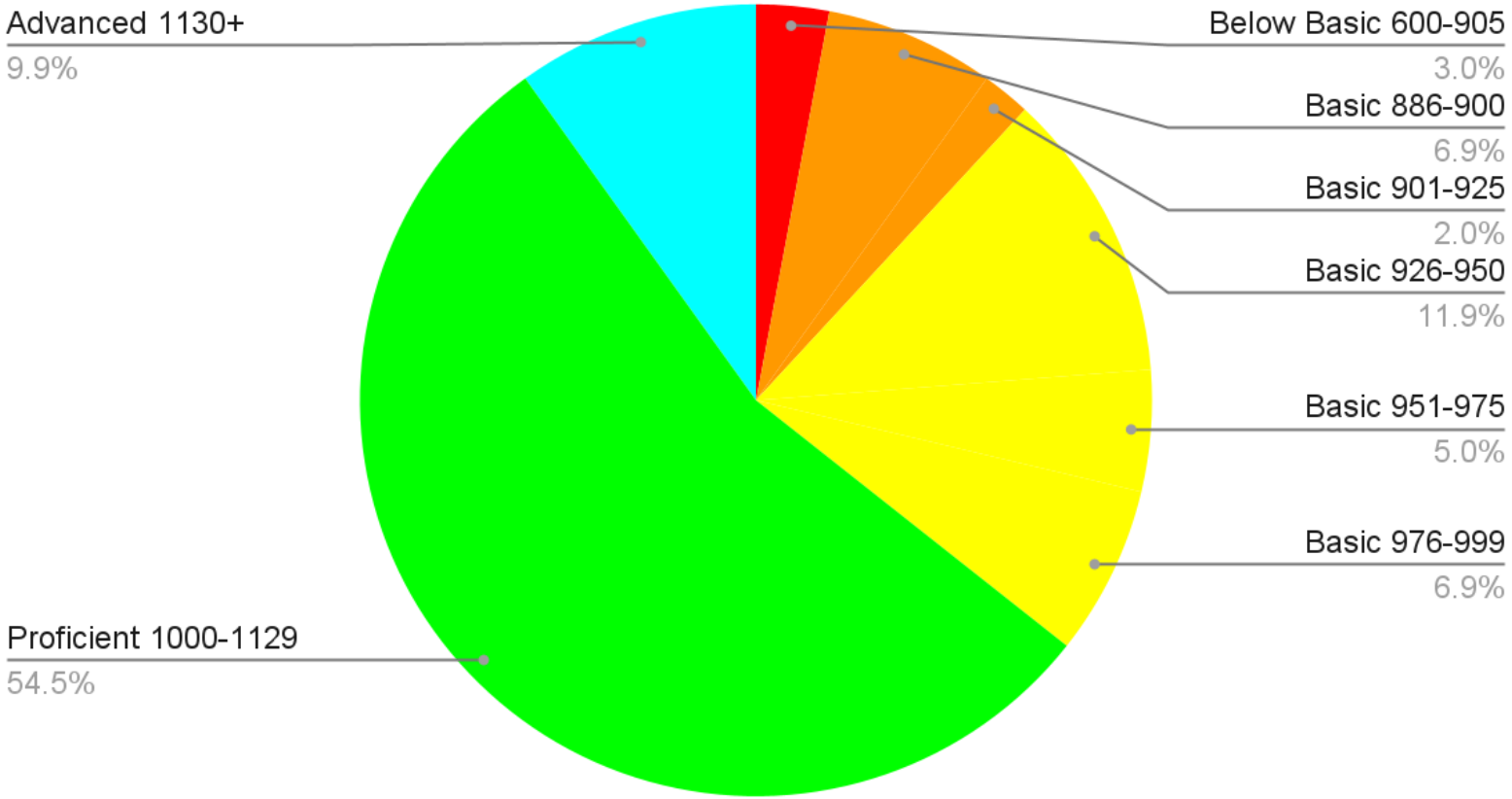


Spring 2021 PSSA - Grade 8 English Language Arts



Spring 2021 PSSA - Grade 8 English Language Arts



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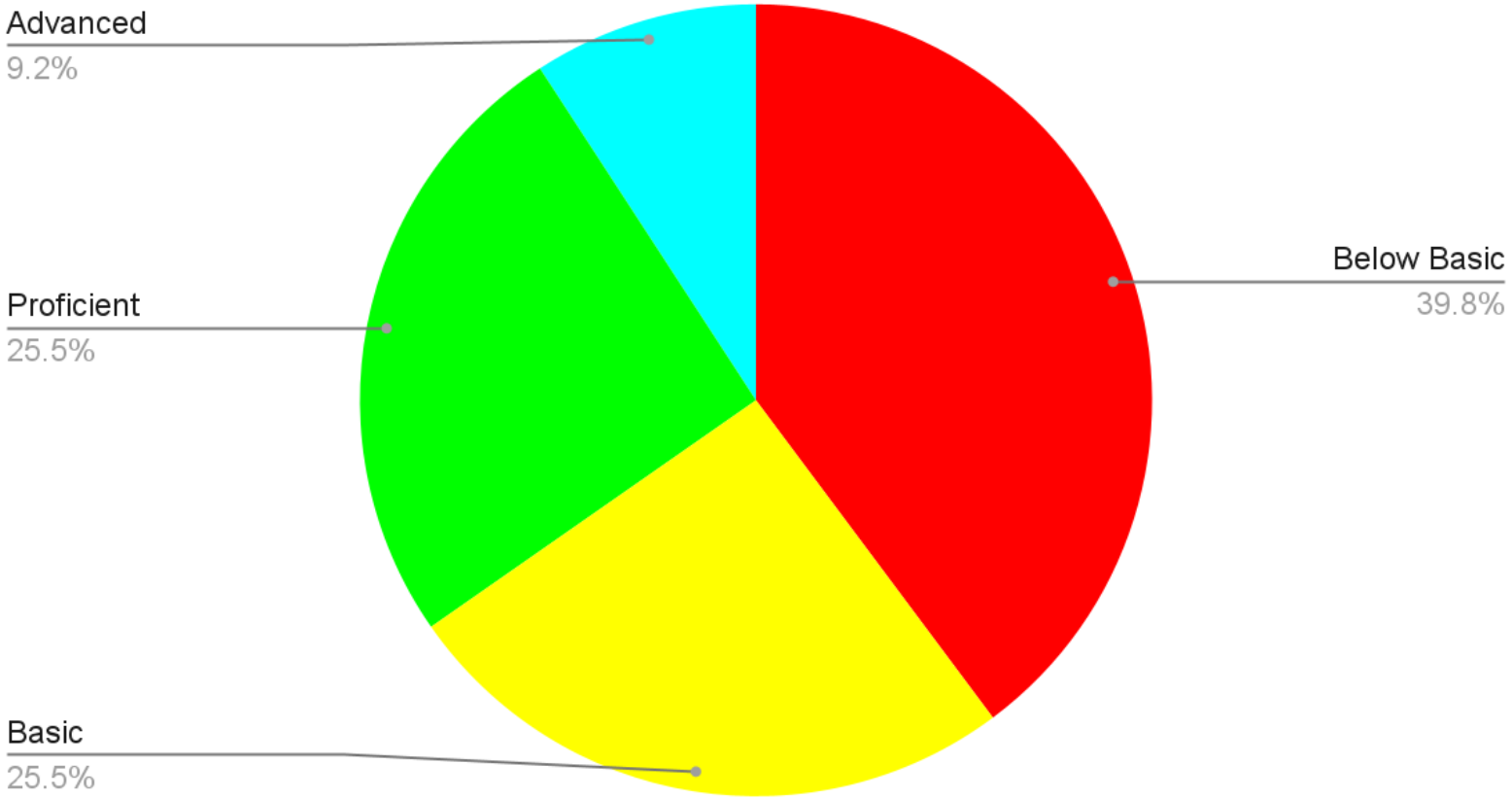

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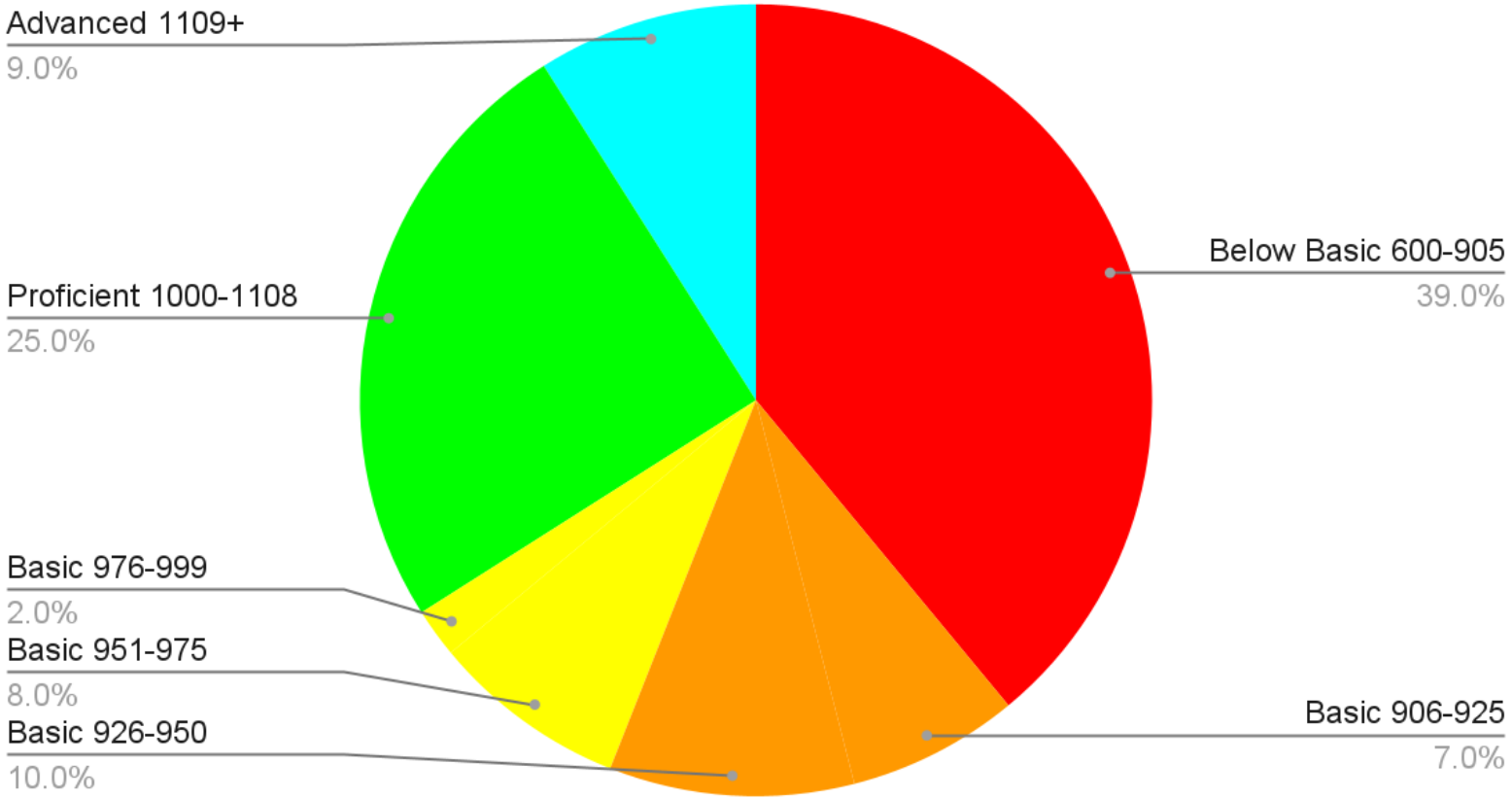
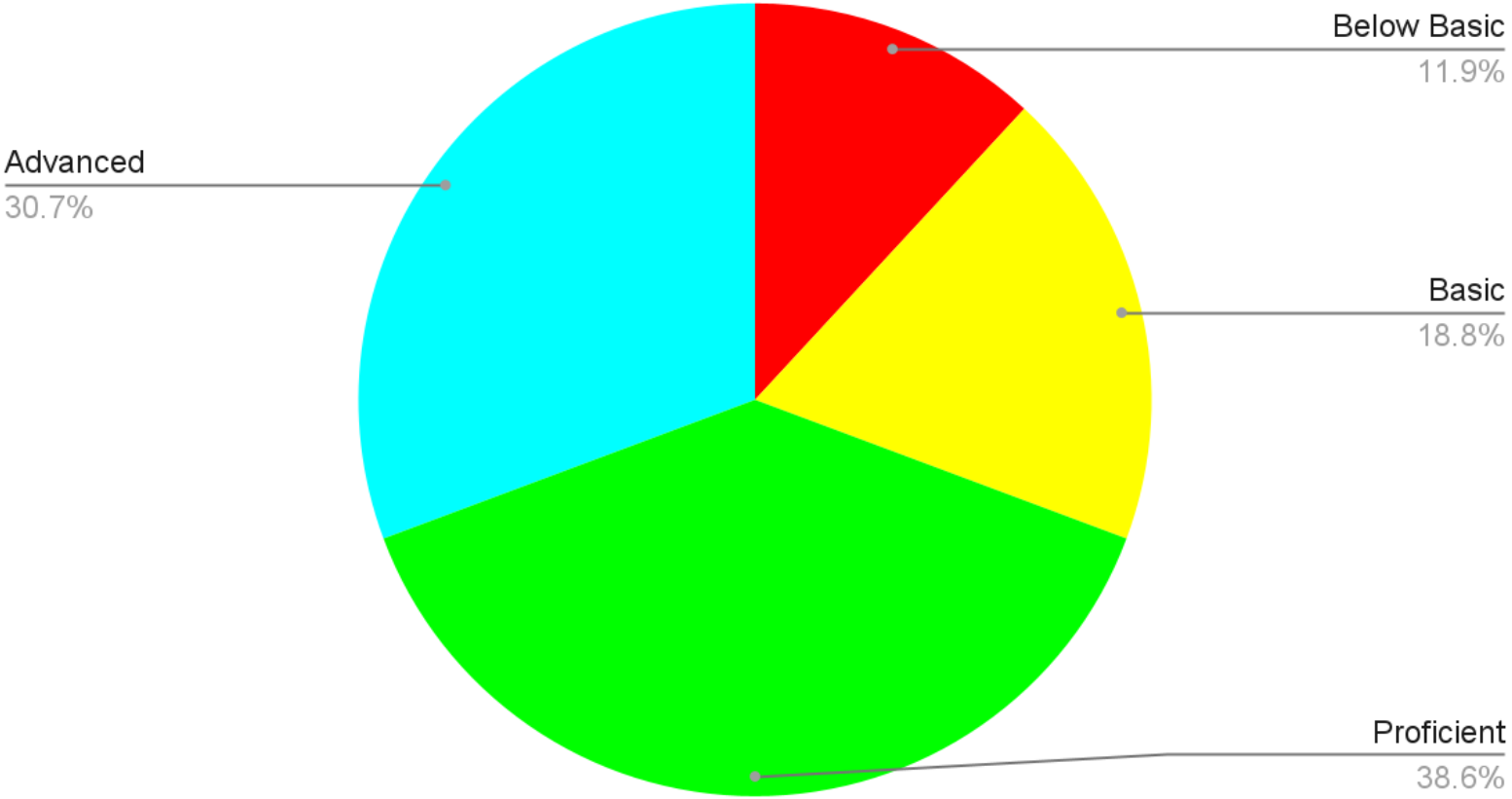


Spring 2021 PSSA - Grade 8 Science



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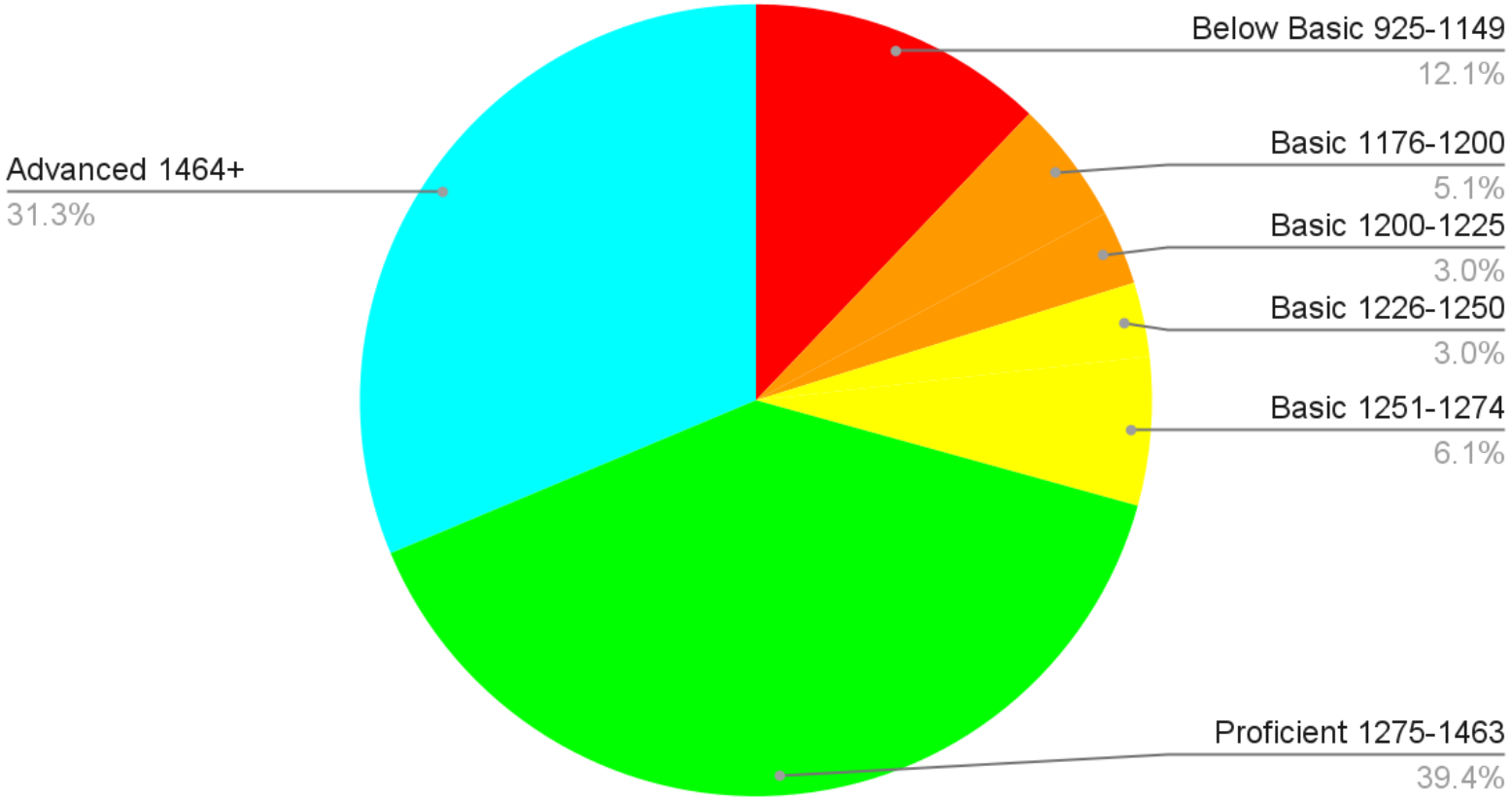


Using iReady Reading diagnostic data….

Note: The MTSS Model assumes systems can support an 85-10-5 distribution of students in need of support.

Grace Level	At least on grade level….	One grade level below...	More than one grade level below...
Grade 1	7%	94%	0%
Grade 2	9%	48%	42%
Grade 3	36%	21%	43%
Grade 4	20%	39%	40%
Grade 5	29%	26%	45%
Grade 6	19%	28%	52%
Grade 7	29%	29%	42%
Grade 8	52%	13%	35%

Note: iReady Home Letters help students, teachers, and families work together by sharing student data in a less technical format.

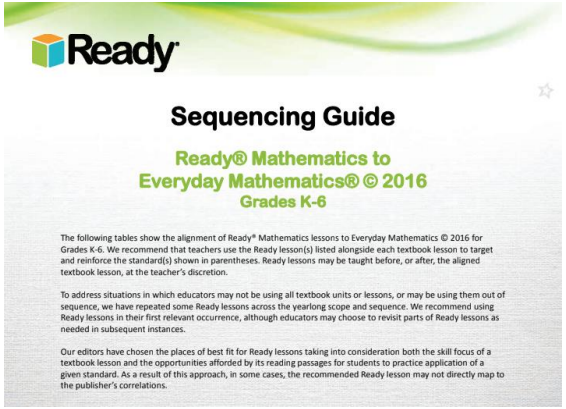
Using iReady Math diagnostic data….

Note: The MTSS Model assumes systems can support an 85-10-5 distribution of students in need of support.

Grace Level	At least on grade level….	One grade level below...	More than one grade level below...
Grade 1	8%	82%	10%
Grade 2	7%	51%	42%
Grade 3	9%	55%	36%
Grade 4	8%	39%	53%
Grade 5	17%	45%	39%
Grade 6	15%	46%	39%
Grade 7	18%	45%	27%
Grade 8	41%	29%	30%

Note: Home Letters help students, teachers, and families work together by sharing student data in a less technical format.

Using iReady with Everyday Math


Ready

Sequencing Guide

Ready® Mathematics to Everyday Mathematics® © 2016
Grades K-6

The following tables show the alignment of Ready® Mathematics lessons to Everyday Mathematics © 2016 for Grades K-6. We recommend that teachers use the Ready lesson(s) listed alongside each textbook lesson to target and reinforce the standard(s) shown in parentheses. Ready lessons may be taught before, or after, the aligned textbook lesson, at the teacher's discretion.

To address situations in which educators may not be using all textbook units or lessons, or may be using them out of sequence, we have repeated some Ready lessons across the yearlong scope and sequence. We recommend using Ready lessons in their first relevant occurrence, although educators may choose to revisit parts of Ready lessons as needed in subsequent instances.

Our editors have chosen the places of best fit for Ready lessons taking into consideration both the skill focus of a textbook lesson and the opportunities afforded by its reading passages for students to practice application of a given standard. As a result of this approach, in some cases, the recommended Ready lesson may not directly map to the publisher's correlations.

Grade 4: Recommended Sequencing for Ready® Mathematics Common Core with Everyday Mathematics © 2016

Everyday Mathematics, Grade 4					Ready Mathematics Common Core
Topic	Topic Name	Lesson	Lesson Title	CCSS	Recommended Lesson Sequencing
Unit 1	Place Value; Multidigit Addition and Subtraction	1-1	Place Value in Whole Numbers	4.NBT.1, 4.NBT.2, 4.NBT.5	Lesson 1: *Understand* Place Value (4.NBT.A.1, 4.NBT.A.2) Lesson 2: Compare Whole Numbers (4.NBT.A.2, 4.NBT.A.1)
		1-2	Place-Value Concepts	4.NBT.1, 4.NBT.2	Lesson 1: *Understand* Place Value (4.NBT.A.1, 4.NBT.A.2) Lesson 2: Compare Whole Numbers (4.NBT.A.2, 4.NBT.A.1)
		1-3	Formal Procedures for Rounding	4.NBT.2, 4.NBT.3	Lesson 2: Compare Whole Numbers (4.NBT.A.2, 4.NBT.A.1) Lesson 4: Round Whole Numbers (4.NBT.A.3)
		1-4	Introduction to the *Student Reference Book*	4.NBT.1, 4.NBT.2, 4.NBT.3	
		1-5	Estimation Strategies	4.OA.3, 4.NBT.3, 4.NBT.4	Lesson 4: Round Whole Numbers (4.NBT.A.3)
		1-6	Guide to Solving Number Stories	4.OA.3, 4.NBT.4	
		1-7	U.S. Traditional Addition	4.OA.3, 4.NBT.2, 4.NBT.4	Lesson 3: Add and Subtract Whole Numbers (4.NBT.B.4, 4.NBT.A.2)
		1-8	Cracking the Muffin Code	4.OA.5, 4.NBT.1	Lesson 1: Understand Place Value (4.NBT.A.1, 4.NBT.A.2)
		1-9	U.S. Traditional Subtraction	4.OA.3, 4.NBT.2, 4.NBT.4	Lesson 3: Add and Subtract Whole Numbers (4.NBT.B.4, 4.NBT.A.2)
		1-10	U.S. Customary Units of Length	4.NBT.3, 4.NBT.4, 4.MD.2	Lesson 25: Length, Liquid Volume, and Mass (4.MD.A.2, 4.OA.A.2, 4.OA.A.3, 4.NBT.B.4, 4.NF.B.4, 4.NF.B.4a, 4.NF.B.4c)
		1-11	Points, Line Segments, Lines, and Rays	4.G.1	Lesson 31: Points, Line, Rays, and Angles (4.G.A.1, 4.G.A.2, 4.MD.C.5, 4.MD.C.6)
		1-12	Angles, Triangles, and Quadrilaterals	4.G.1, 4.G.2	Lesson 32: Classify Two-Dimensional Figures (4.G.A.2, 4.G.A.1, 4.MD.C.5, 4.MD.C.6)

Building Number sense….

+1 Facts	+2 Facts
0+1=1	0+2=2
1+1=2	1+2=3
2+1=3	2+2=4
3+1=4	3+2=5
4+1=5	4+2=6
5+1=6	5+2=7
6+1=7	6+2=8
7+1=8	7+2=9
8+1=9	8+2=10
9+1=10	9+2=11
10+1=11	10+2=12

Math Boxes

1. Use your calculator to show 25.
The [5] key is broken.
Show four ways:

10+10+4+1=25

10+10+2+3=25

1+2+2+3+9+8=25

26-1=25

Thank you!

Any questions, please feel free to contact me at dwomelsdorf@mvsd.net or by telephone at 570-434-8417.