

Smarty Ants®

Implementation Highlights Report

Idaho Community Grant for Smarty Ants

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Report Period 8/1/2019 - 11/14/2019

of Schools 77

of Students 231



Idaho Community Grant for Smarty Ants

Smarty Ants Implementation Highlights Report



Report Overview

Smarty Ants is a comprehensive program of systematic, explicit, and spiraled instruction in foundational literacy skills that personalizes learning to meet students where they are and accelerate early literacy success.

Smarty Ants was implemented by Idaho Community Grant for Smarty Ants during the 2019-2020 school year. The majority of participating students completed the initial placement test in their first few sessions with this foundational reading program.

This report summarizes the usage and progress of Smarty Ants students in Idaho Community Grant for Smarty Ants. The information provided within this report is based on student data collected during the 2019-2020 school year. For the purposes of reporting, students who received a manual adjustment were not included in this report. **This report includes a population of 231 students who completed an Initial Assessment, completed at least one lesson, and did not complete the Smarty Ants curriculum.**

Achieve3000 Solutions

Achieve3000 is the leading literacy platform in blended-learning programs today, with differentiated solutions that serve 3 million students worldwide and are customized to meet your school and district's unique academic needs. Based on decades of scientific research, Achieve3000's patented and proven cloud-based solutions for grades PreK-12 and adult education reach all students at their individual reading levels. Achieve3000 is committed to ensuring equity of access to core instruction while accelerating learning, helping all students meet state standards, improving performance on the high-stakes assessments, and preparing all students for college and career success.

The solution examined in this study, Smarty Ants (grades PreK-2), is Achieve3000's research-driven foundational literacy solution designed to ensure every student is on track for success from their first day of school. Smarty Ants combines personalized foundational skills instruction, independent practice, and embedded assessments all in an interactive, online learning environment. Easily accessible, on-demand resources for teachers support targeted and purposeful instruction and provide the flexibility to implement Smarty Ants in any blended learning model.

Assessments

When a student logs in to Smarty Ants for their first time ever, they will complete an initial assessment and subsequently be placed into the appropriate Smarty Ants Scope and Sequence Level and Lesson for their ability. The Scope and Sequence tables can be found in the teacher dashboard in Smarty Ants, under Training. Students in levels 1-11 will receive a mid-year assessment in January. Returning multi-year users in levels 1-11 will take a back-to-school assessment when they log in to Smarty Ants at the start of every school year. Smarty Ants does not have a built-in end-of-year assessment.

Progress Summary by Grade

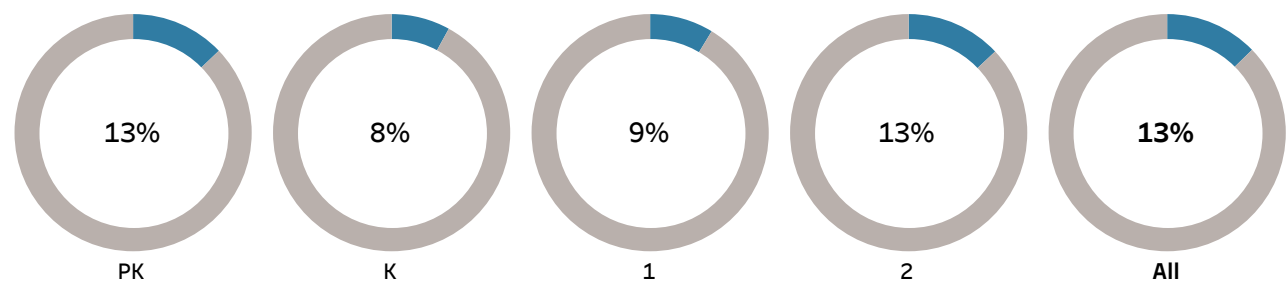
A student's End of Grade goal is determined by the highest lesson of content corresponding to the student's actual grade level. A student's Academic Year goal is determined by the number of lessons in the content grade level that the student placed into. The default goal for all students is set to Academic Year, but a teacher can change the student's goal at any point during the school year.

Below are average percentages of completion by grade for students who had an academic year goal selected.

Key Findings:

- Overall, students have completed 13% of the lessons associated with their individual Academic Year Goals as of the end of the reporting period.
- Students in Kindergarten have completed 8% of the lessons associated with their individual Academic Year Goals.
- First Grade students have completed 9% of the lessons associated with their individual Academic Year Goals.
- Second Grade students have completed 13% of the lessons associated with their individual Academic Year Goals.

% Student Academic Year Goal Progress



Progress Summary by Grade

Grade Level	Student Count	Student Count: Academic Year Goal Selected	% Student Academic Year Goal Progress
PK	218	216	13%
K	5	3	8%
1	7	4	9%
2	1	1	13%
Grand Total	231	224	13%

Progress Summary by School

School Name	Student Count	Student Count: Academic Year Goal Selected	% Student Academic Year Goal Progress
83201	5	5	11%
83202	6	6	12%
83204	1	1	10%
83211	4	4	30%
83212	1	1	10%
83221	6	6	14%
83228	1	1	7%
83236	1	1	
83241	2	2	9%
83246	1	1	
83252	2	2	2%
83263	8	8	7%
83274	1	1	
83276	1	1	26%
83286	2	2	75%
83301	7	5	7%
83316	2	2	6%
83318	1	1	7%
83328	1	1	6%
83330	3	3	18%

Progress Summary by School

School Name	Student Count	Student Count: Academic Year Goal Selected	% Student Academic Year Goal Progress
83333	1	1	
83336	1	1	11%
83338	2	0	
83341	1	1	28%
83350	1	1	7%
83355	2	2	13%
83401	9	9	8%
83402	3	3	3%
83404	3	3	4%
83406	10	10	8%
83420	1	1	43%
83421	1	1	
83427	6	6	17%
83436	1	1	9%
83440	3	3	33%
83442	10	10	7%
83445	3	3	
83448	1	1	
83501	2	2	7%
83605	2	2	

Progress Summary by School

School Name	Student Count	Student Count: Academic Year Goal Selected	% Student Academic Year Goal Progress
83607	5	5	10%
83616	1	1	
83617	3	3	13%
83626	1	1	5%
83634	6	4	5%
83641	1	1	
83642	8	8	7%
83644	2	2	
83646	9	9	13%
83647	2	2	7%
83651	1	1	15%
83660	1	1	
83661	1	1	
83669	5	5	6%
83676	1	1	6%
83686	7	7	18%
83687	4	3	29%
83703	1	1	
83704	5	5	22%
83705	1	1	

Progress Summary by School

School Name	Student Count	Student Count: Academic Year Goal Selected	% Student Academic Year Goal Progress
83706	1	1	3%
83709	2	2	10%
83713	6	6	11%
83714	3	3	15%
83814	4	4	9%
83815	4	4	8%
83821	1	1	
83835	2	2	
83843	1	1	
83854	1	1	
83857	1	1	
83858	3	3	8%
83861	1	1	9%
83864	1	1	
83876	1	1	9%
Idaho Community Grant for Smart..	15	15	18%
Grand Total	231	224	13%

Smarty Ants Scope and Sequence

Levels and Lessons

Smarty Ants has 18 levels and 114 lessons total. As a student progresses through the Smarty Ants scope and sequence, they can either complete a level or lesson (which means they participated in all of the activities) or skip a level or lesson based on their performance on the pre-level check, mid-year assessment, or back-to-school assessment.

Students begin with the simplest foundational skills and strategies (e.g., phonological awareness, letter names) and progress to more complex concepts (e.g., blending sounds to decode words, spelling conventions, affixes, multisyllabic words). Later concepts are built on earlier ones, and students have many opportunities to use the knowledge they have accumulated.

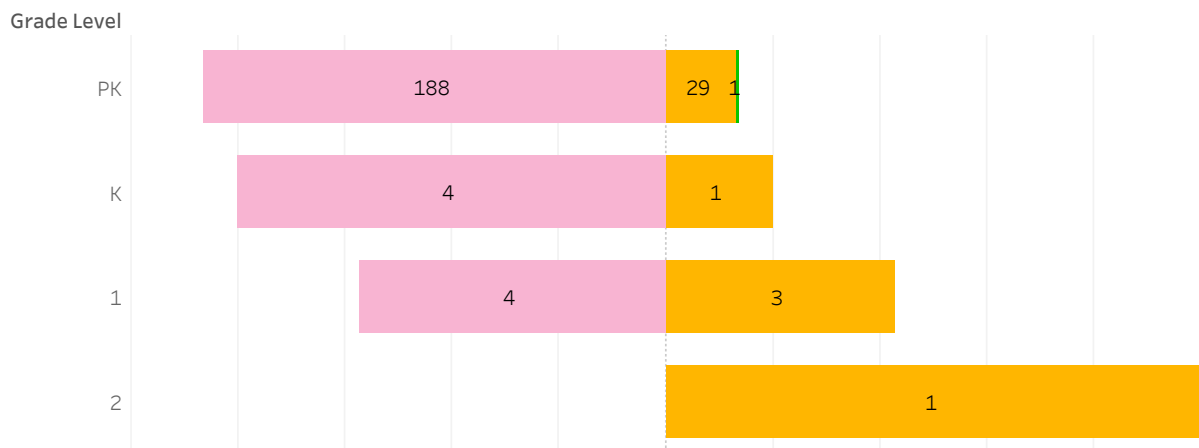
Grade	Levels	Lessons	Lesson Content
PreK	1-2	19 lessons #1ABC-2SWB	• Upper & Lower-case Letter Names • Simple Word Building
Kinder	3-6	37 lessons #3-39	• Letter Sounds • CVC Words • Silent e • Blends • Consonant Digraphs
First	7-11	30 lessons #40-69	• R-Controlled Vowels • Letter Combinations • Alternate Vowel Digraphs • Compound Words • Suffixes • Prefixes • Syllables • Contractions • Pronouns • Possessives
Second	12-18	28 lessons #70-97	• Reading Comprehension and Oral Fluency • Authentic Literature from Candlewick Press • Nonfiction Science Texts • Life Science • Earth Science • Physical Science

Student Growth Through the Scope and Sequence

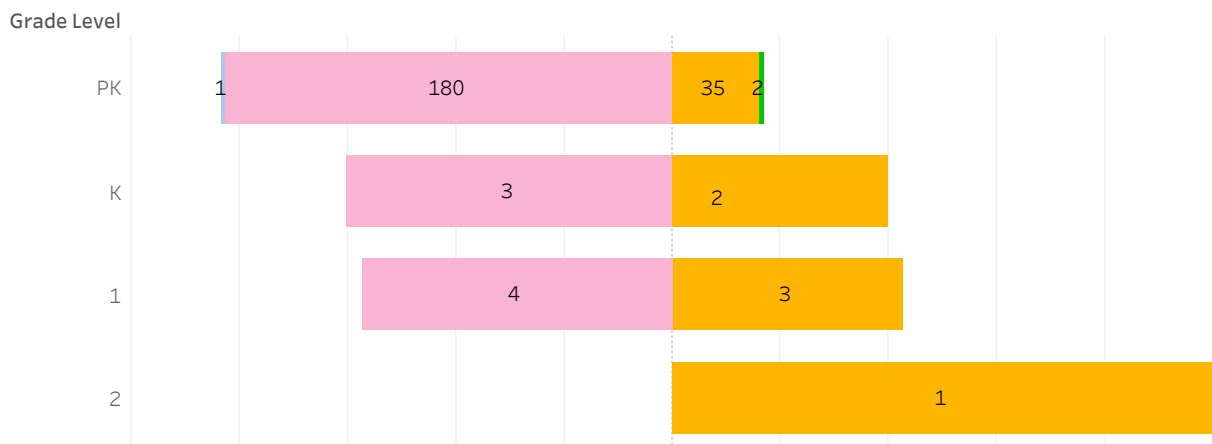
Over ninety unique learning paths guide emergent readers through the Smarty Ants scope and sequence. From letter identification and the alphabetic principle to structural analysis and comprehension skills, Smarty Ants helps teachers transform emergent readers into independent readers. Below are charts showing initial and current placement levels, for comparison.

Key Findings:

Initial Lesson Placement Level



Current Lesson Placement Level



*The numbers in the graphs above represent the total number of students.

Lesson Placement Levels

■ PreK ■ Kindergarten ■ 1st Grade ■ 2nd Grade

Lesson Completion by Grade

Grade Level	Initial Lesson (Median)	Initial Lesson Phonics Skills (Median)	Current Lesson (Median)	Current Lesson Phonics Skills (Median)	Lessons Completed (Mean)	Student Count
PK	17	Letter sounds: u, w	21	CVCe: long a Sound: a_e	3	218
K	32	Consonant Digraphs: -sh	34	Consonant Digraphs: -ch	2	5
1	30	Consonant Blends: -lt, -mp,-nd,-nt,-st,-ft	34	Consonant Digraphs: -ch	2	7
2	43	Ending Blends: ing, ang, ong, ung	46	Letter Sounds: soft g	3	1

*The Initial Lesson is the first lesson during the current school year. For new users it’s after the Initial Assessment. For returning users is after the Back-to-School Assessment.

**The number of lessons completed does not include skipped lessons.

Lesson Completion by School

School Name	Initial Lesson (Median)	Initial Lesson Phonics Skills (Median)	Current Lesson (Median)	Current Lesson Phonics Skills (Median)	Lessons Completed (Mean)	Student Count
83201	21	CVCe: long a Sound: a_e	21	CVCe: long a Sound: a_e	3	5
83202	25	CVCe: long o Sound: o_e	27	CVCe: long u Sound: u_e (oo)	3	6
83204	59	Compound Words	60	Suffixes: -ed, -ing	2	1
83211	17	Letter sounds: u, w	29	Consonant Blends: br-, cl-, cr-, dr-, fl-, fr-, sn-, st-, tr-	8	4
83212	3	Letter sounds: a, c, f, m, p, r, t, n	5	Letter sounds: d, g, i	2	1
83221	13	Letter sounds: e, j, y	21	CVCe: long a Sound: a_e	4	6
83228	4	Letter sounds: z	6	Letter sounds: b, h	2	1
83236	3	Letter sounds: a, c, f, m, p, r, t, n	3	Letter sounds: a, c, f, m, p, r, t, n	1	1
83241	38	Consonant Digraphs: -tch	40	R-Controlled Vowels: ar	2	2
83246	32	Consonant Digraphs: -sh	33	Consonant Digraphs: -sh	1	1
83252	36	Consonant Digraphs: -wh	38	Consonant Digraphs: -tch	2	2
83263	17	Letter sounds: u, w	18	Letter sounds: short u	3	8
83274	21	CVCe: long a Sound: a_e	21	CVCe: long a Sound: a_e	1	1

Lesson Completion by School

School Name	Initial Lesson (Median)	Initial Lesson Phonics Skills (Median)	Current Lesson (Median)	Current Lesson Phonics Skills (Median)	Lessons Completed (Mean)	Student Count
83276	41	R-Controlled Vowels: or	47	Vowel Digraph and Diphthongs: ee	6	1
83286	12	Letter sounds: short a, short i, short o	29	Consonant Blends: br-, cl-, cr-, dr-, fl-, fr-, sn-, st-, tr-	11	2
83301	27	CVCe: long u Sound: u_e (oo)	33	Consonant Digraphs: -sh	3	7
83316	32	Consonant Digraphs: -sh	33	Consonant Digraphs: -sh	3	2
83318	13	Letter sounds: e, j, y	15	Letter sounds: k, x	2	1
83328	59	Compound Words	60	Suffixes: -ed, -ing	2	1
83330	28	Review of CVCe words	43	Ending Blends: ing, ang, ong, ung	3	3
83333	41	R-Controlled Vowels: or	42	R-Controlled Vowels: er, ir, ur	1	1
83336	3	Letter sounds: a, c, f, m, p, r, t, n	5	Letter sounds: d, g, i	2	1
83338	23	CVCe: long i Sound: i_e	23	CVCe: long i Sound: i_e	1	2
83341	5	Letter sounds: d, g, i	18	Letter sounds: short u	13	1
83350	39	Consonant Digraphs: -dge	41	R-Controlled Vowels: or	2	1
83355	14	Letter sounds: short e	20	Letter sounds: short a, i, o, e, and u	6	2

Lesson Completion by School

School Name	Initial Lesson (Median)	Initial Lesson Phonics Skills (Median)	Current Lesson (Median)	Current Lesson Phonics Skills (Median)	Lessons Completed (Mean)	Student Count
83401	13	Letter sounds: e, j, y	13	Letter sounds: e, j, y	2	9
83402	6	Letter sounds: b, h	8	Letter sounds: short a and short i; double 'f' at end of one-syllable words	1	3
83404	19	Letter sounds: q	21	CVCe: long a Sound: a_e	2	3
83406	9	Letter sounds: l, o, s	12	Letter sounds: short a, short i, short o	2	10
83420	40	R-Controlled Vowels: ar	54	Vowel Digraph and Diphthongs: oo as in book	14	1
83421	3	Letter sounds: a, c, f, m, p, r, t, n	3	Letter sounds: a, c, f, m, p, r, t, n	1	1
83427	25	CVCe: long o Sound: o_e	33	Consonant Digraphs: -sh	6	6
83436	3	Letter sounds: a, c, f, m, p, r, t, n	4	Letter sounds: z	1	1
83440	21	CVCe: long a Sound: a_e	21	CVCe: long a Sound: a_e	12	3
83442	10	Letter sounds: short o	12	Letter sounds: short a, short i, short o	2	10
83445	24	CVCe: long i Sound: i_e	25	CVCe: long o Sound: o_e	1	3
83448	3	Letter sounds: a, c, f, m, p, r, t, n	3	Letter sounds: a, c, f, m, p, r, t, n	1	1
83501	17	Letter sounds: u, w	20	Letter sounds: short a, i, o, e, and u	3	2

Lesson Completion by School

School Name	Initial Lesson (Median)	Initial Lesson Phonics Skills (Median)	Current Lesson (Median)	Current Lesson Phonics Skills (Median)	Lessons Completed (Mean)	Student Count
83605	39	Consonant Digraphs: -dge	40	R-Controlled Vowels: ar	1	2
83607	13	Letter sounds: e, j, y	14	Letter sounds: short e	2	5
83616	3	Letter sounds: a, c, f, m, p, r, t, n	3	Letter sounds: a, c, f, m, p, r, t, n	1	1
83617	21	CVCe: long a Sound: a_e	27	CVCe: long u Sound: u_e (oo)	4	3
83626	27	CVCe: long u Sound: u_e (oo)	29	Consonant Blends: br-, cl-, cr-, dr-, fl-, fr-, sn-, st-, tr-	2	1
83634	22	CVCe: long a Sound: a_e	26	CVCe: long o Sound: o_e	2	6
83641	21	CVCe: long a Sound: a_e	21	CVCe: long a Sound: a_e	1	1
83642	19	Letter sounds: q	22	CVCe: long a Sound: a_e	2	8
83644	9	Letter sounds: l, o, s	10	Letter sounds: short o	1	2
83646	21	CVCe: long a Sound: a_e	23	CVCe: long i Sound: i_e	2	9
83647	18	Letter sounds: short u	20	Letter sounds: short a, i, o, e, and u	2	2
83651	3	Letter sounds: a, c, f, m, p, r, t, n	6	Letter sounds: b, h	4	1
83660	29	Consonant Blends: br-, cl-, cr-, dr-, fl-, fr-, sn-, st-, tr-	30	Consonant Blends: -lt, -mp, -nd, -nt, -st, -ft	1	1

Lesson Completion by School

School Name	Initial Lesson (Median)	Initial Lesson Phonics Skills (Median)	Current Lesson (Median)	Current Lesson Phonics Skills (Median)	Lessons Completed (Mean)	Student Count
83661	14	Letter sounds: short e	15	Letter sounds: k, x	1	1
83669	21	CVCe: long a Sound: a_e	21	CVCe: long a Sound: a_e	2	5
83676	32	Consonant Digraphs: -sh	34	Consonant Digraphs: -ch	3	1
83686	13	Letter sounds: e, j, y	20	Letter sounds: short a, i, o, e, and u	4	7
83687	21	CVCe: long a Sound: a_e	22	CVCe: long a Sound: a_e	6	4
83703	13	Letter sounds: e, j, y	14	Letter sounds: short e	1	1
83704	43	Ending Blends: ing, ang, ong, ung	44	Ending Blends: ink, ank, onk, unk	2	5
83705	5	Letter sounds: d, g, i	6	Letter sounds: b, h	1	1
83706	6	Letter sounds: b, h	8	Letter sounds: short a and short i; double 'f' at end of one-syllable words	2	1
83709	13	Letter sounds: e, j, y	15	Letter sounds: k, x	2	2
83713	12	Letter sounds: short a, short i, short o	14	Letter sounds: short e	1	6
83714	13	Letter sounds: e, j, y	18	Letter sounds: short u	6	3
83814	34	Consonant Digraphs: -ch	37	Consonant Digraphs: -ck	3	4

Lesson Completion by School

School Name	Initial Lesson (Median)	Initial Lesson Phonics Skills (Median)	Current Lesson (Median)	Current Lesson Phonics Skills (Median)	Lessons Completed (Mean)	Student Count
83815	13	Letter sounds: e, j, y	16	Letter sounds: v	2	4
83821	12	Letter sounds: short a, short i, short o	29	Consonant Blends: br-, cl-, cr-, dr-, fl-, fr-, sn-, st-, tr-	1	1
83835	4	Letter sounds: z	5	Letter sounds: d, g, i	1	2
83843	21	CVCe: long a Sound: a_e	21	CVCe: long a Sound: a_e	1	1
83854	3	Letter sounds: a, c, f, m, p, r, t, n	4	Letter sounds: z	1	1
83857	13	Letter sounds: e, j, y	13	Letter sounds: e, j, y	1	1
83858	23	CVCe: long i Sound: i_e	27	CVCe: long u Sound: u_e (oo)	2	3
83861	21	CVCe: long a Sound: a_e	24	CVCe: long i Sound: i_e	3	1
83864	21	CVCe: long a Sound: a_e	21	CVCe: long a Sound: a_e	1	1
83876	3	Letter sounds: a, c, f, m, p, r, t, n	4	Letter sounds: z	1	1
Idaho Community Grant for Smarty Ants	21	CVCe: long a Sound: a_e	29	Consonant Blends: br-, cl-, cr-, dr-, fl-, fr-, sn-, st-, tr-	6	15

Usage Summary by Grade

Grade Level	Student Count	Total Logins (Mean)	Afterschool Logins (Mean)	% In-School Logins	% Afterschool Logins	Total Hours (Mean)
PK	218	12	7	46%	54%	3.5
K	5	9	4	61%	39%	3.6
1	7	15	12	22%	78%	3.7
2	1	17	13	24%	76%	4.9
Grand Total	231	12	7	45%	55%	3.5

Usage Summary by School

School Name	Student Count	Total Logins (Mean)	Afterschool Logins (Mean)	% In-School Logins	% Afterschool Logins	Total Hours (Mean)
83201	5	12	8	37%	63%	2.8
83202	6	13	8	36%	64%	2.8
83204	1	8	4	50%	50%	4.2
83211	4	29	24	16%	84%	7.0
83212	1	19	12	37%	63%	4.4
83221	6	13	5	60%	40%	3.7
83228	1	16	8	50%	50%	2.8
83236	1	1	0	100%	0%	0.3
83241	2	5	3	50%	50%	2.0
83246	1	1	1	0%	100%	0.7
83252	2	9	2	78%	22%	1.3
83263	8	8	3	61%	39%	2.6
83274	1	2	0	100%	0%	0.6
83276	1	30	5	83%	17%	16.4
83286	2	41	36	11%	89%	12.7
83301	7	8	2	70%	30%	3.3
83316	2	8	1	87%	13%	2.1
83318	1	15	7	53%	47%	3.1
83328	1	2	0	100%	0%	1.6
83330	3	13	6	55%	45%	5.5
83333	1	3	3	0%	100%	0.6
83336	1	8	0	100%	0%	5.5
83338	2	8	6	25%	75%	0.8

Usage Summary by School

School Name	Student Count	Total Logins (Mean)	Afterschool Logins (Mean)	% In-School Logins	% Afterschool Logins	Total Hours (Mean)
83341	1	63	27	57%	43%	14.3
83350	1	8	2	75%	25%	2.8
83355	2	28	16	42%	58%	7.1
83401	9	9	4	54%	46%	2.5
83402	3	6	5	18%	82%	1.1
83404	3	7	4	38%	62%	1.9
83406	10	10	3	69%	31%	2.5
83420	1	40	10	75%	25%	16.9
83421	1	5	5	0%	100%	0.4
83427	6	21	6	70%	30%	8.3
83436	1	26	12	54%	46%	3.5
83440	3	25	8	67%	33%	6.1
83442	10	8	4	45%	55%	2.3
83445	3	3	1	60%	40%	1.1
83448	1	3	2	33%	67%	0.4
83501	2	8	4	47%	53%	2.3
83605	2	4	4	0%	100%	1.1
83607	5	16	9	45%	55%	3.2
83616	1	7	3	57%	43%	0.9
83617	3	17	8	53%	47%	6.1
83626	1	19	8	58%	42%	4.2
83634	6	13	10	25%	75%	3.5
83641	1	2	1	50%	50%	0.6

Usage Summary by School

School Name	Student Count	Total Logins (Mean)	Afterschool Logins (Mean)	% In-School Logins	% Afterschool Logins	Total Hours (Mean)
83642	8	10	8	20%	80%	2.7
83644	2	4	2	63%	38%	0.9
83646	9	11	7	39%	61%	3.0
83647	2	18	6	69%	31%	2.9
83651	1	19	3	84%	16%	3.5
83660	1	1	1	0%	100%	0.9
83661	1	5	5	0%	100%	1.4
83669	5	4	2	39%	61%	1.2
83676	1	7	5	29%	71%	3.7
83686	7	12	5	62%	38%	4.0
83687	4	14	5	63%	37%	5.6
83703	1	9	7	22%	78%	1.8
83704	5	10	2	84%	16%	3.2
83705	1	3	3	0%	100%	0.9
83706	1	4	3	25%	75%	1.2
83709	2	13	4	68%	32%	2.7
83713	6	6	2	59%	41%	1.5
83714	3	17	6	65%	35%	5.6
83814	4	19	11	43%	57%	4.0
83815	4	10	6	36%	64%	3.0
83821	1	3	3	0%	100%	0.7
83835	2	4	0	100%	0%	0.6
83843	1	8	4	50%	50%	1.6

Usage Summary by School

School Name	Student Count	Total Logins (Mean)	Afterschool Logins (Mean)	% In-School Logins	% Afterschool Logins	Total Hours (Mean)
83854	1	2	2	0%	100%	0.5
83857	1	3	3	0%	100%	0.6
83858	3	12	11	11%	89%	2.6
83861	1	22	12	45%	55%	4.1
83864	1	1	0	100%	0%	0.5
83876	1	25	13	48%	52%	5.6
Idaho Community Grant for Smarty..	15	22	19	16%	84%	5.9
Grand Total	231	12	7	45%	55%	3.5

Smarty Ants Curriculum Completion

The Smarty Ants® literacy program by Achieve3000® encourages and motivates students to move from lesson to lesson and level to level as they learn and strengthen prereading and reading skills at their own pace. Through progressively more challenging activities and assessment checks, students develop mastery of the alphabetic principle, phonemic awareness, and phonics, while developing reading fluency and building vocabulary knowledge and sight-word recognition. Students complete the Smarty Ants curriculum once they have finished lesson 97. In Idaho Community Grant for Smarty Ants, 1 students completed the Smarty Ants curriculum.

Grade Level	Student Count	Lessons Completed (Mean)
PK	1	2

*Student Count is based off students who completed the Smarty Ants curriculum during the 2018-19 school year.

Smarty Ants Curriculum Completion by School

School Name	Student Count	Lessons Completed (Mean)
83687	1	2

Achieve3000 Inc.

