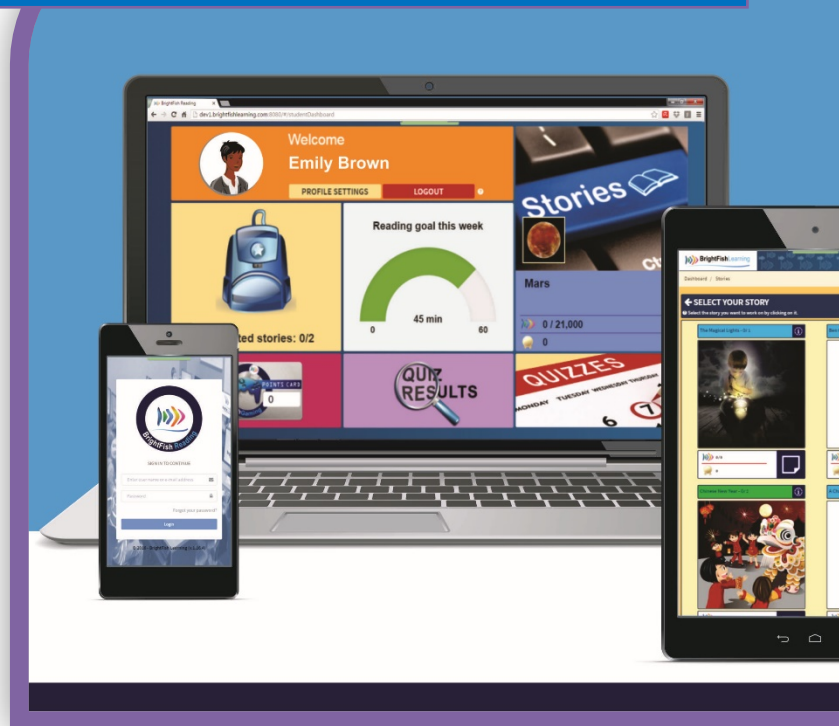




## BrightFish Reading Summer School: Victor Valley Unified High School District, CA



## Executive Summary

In this report, we examine usage and progress data from BrightFish Reading, collected during the 2017 Summer School Program at Victor Valley High School.

### Implementation Model

High school students attending Summer School used BrightFish Reading in two sessions, from June 19-30 and July 10-21. Students in both sessions accessed the program on laptops during daily periods of 90 minutes. Teachers attended a web training and accessed BrightFish Support by phone and email. One teacher used live chat support from the BrightFish teacher dashboard.

### Enrollment and Usage

A total of 108 high school students worked in BrightFish for at least 20 minutes during the Summer School program. Data in the table below shows enrollment and usage by class.

**Table 1: Usage by Class for Session 1 and Session 2**

Session	Class	Students Logging In	Average Training Hours*	Average Stories Completed /Student	Average Points Earned
1 (June 19-30)	Class A	33	6.9	6	85,706
1 (June 19-30)	Class B	33	6.7	5	63,523
2 (July 10-21)	Class C	24	8	8	110,397
2 (July 10-21)	Class D	18	8.6	6	82,619
	Total/Average	108	7.5	6	85,561

\*does not include time for pre- and post-testing

### Summary Progress Metrics

Overall, both classes exceeded the 60 minutes per week goal recommended by BrightFish Learning and made great progress in the program:

- Students in Class A and C had a higher story completion rate and collected more points on average, which is a measure of both quality and quantity of work. (Students earn higher points values when they get the correct answer on the first attempt.)
- On average, students took 75 minutes to complete a story, which is within range of the average time for high school students across all BrightFish Reading implementations.
- In session 1, students in Class A achieved average gains on the Cloze Test of 13% while students in Class B achieved a 32% gain overall, moving from instructional to independent on the Cloze Reading Range.
- In session 2, Class C made gains on the Cloze Test of 16.6% while Class D improved by 9%. Both classes scored in the independent range on the pre- and post-tests.



## Cloze Testing

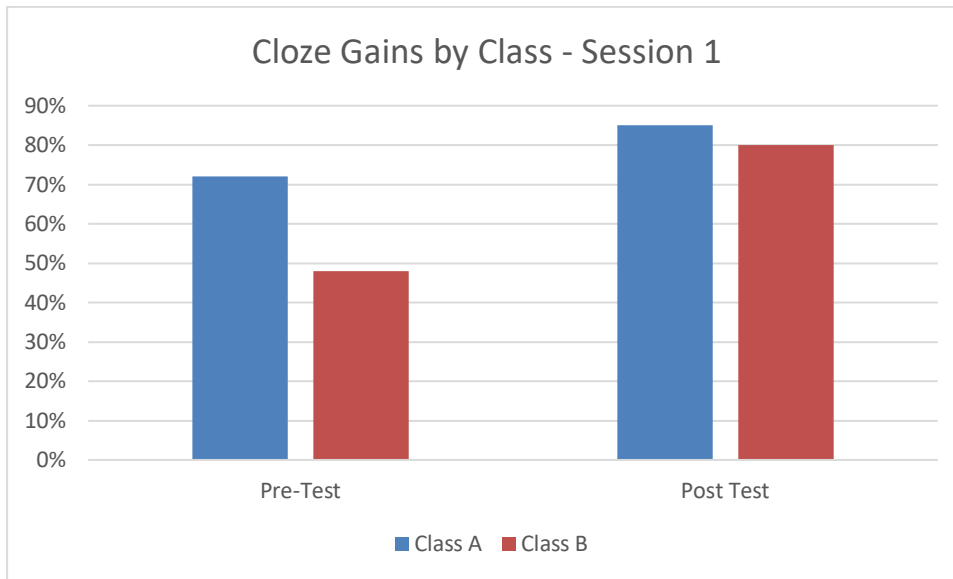
Students completed a grade-level Cloze test as a pre- and post-test measure. Cloze test passages are assigned to grades based on Lexile® measures. Students select the best word to complete sentences in the passage and receive a raw score, which is converted to a percentage score out of 100. Test results are automatically calculated and can be reviewed in the Teacher Dashboard. The Cloze test has been validated as a reliable indicator of reading comprehension in multiple studies (Bormuth, Alexander, Rankin, etc.).

### What do Cloze scores mean?

Cloze percentage scores map to reading ranges: 0 to 39 (frustration); 40 to 60 (instructional); and 61+ (independent). Students scoring between 30 to 79 percent typically progress in their assigned grade level of BrightFish Reading. Students at the lower end of the frustration zone may benefit from moving to a grade level below, and scores above 80 indicate that students can go up a level.

Figure 1 shows the average Cloze pre- and post-scores by class in Session 1 of the Victor Valley Summer School. Class B recorded the largest average gains, moving from instructional in the pre-test to independent in the post-test.

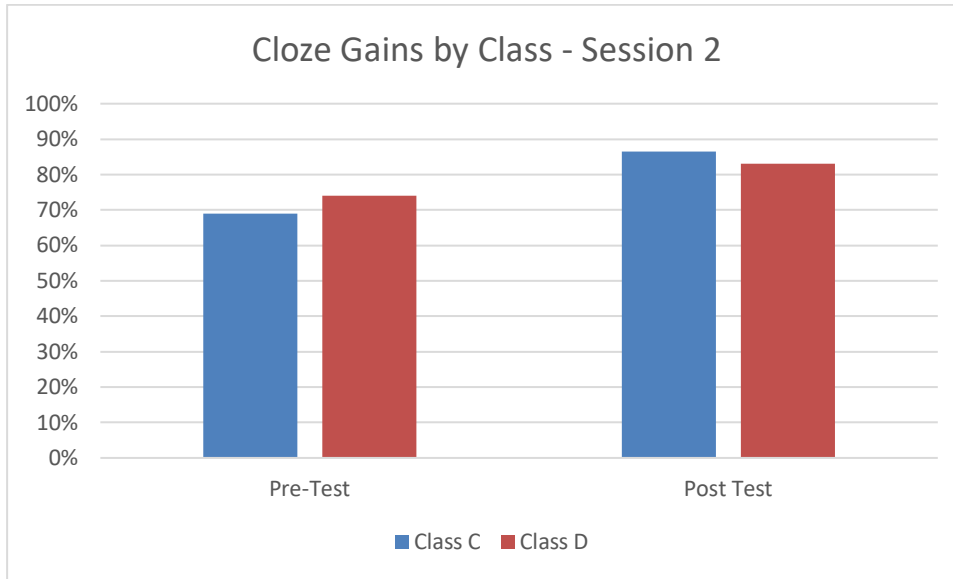
Figure 1, Table 2: Average Cloze Test Scores – Session 1



Class	Average Pre-Test Score	Comprehension Level	Average Post-Test Score	Comprehension Level
Class A	72%	Independent	85%	Independent
Class B	48%	Instructional	80%	Independent

Figure 2 shows the average Cloze pre- and post-scores by class in Session 2 of the Victor Valley Summer School. Class C recorded the largest average gains at 16.6%, moving up within the independent reading range. Class D had gains of 9%.

Figure 2, Table 3: Average Cloze Test Scores – Session 2

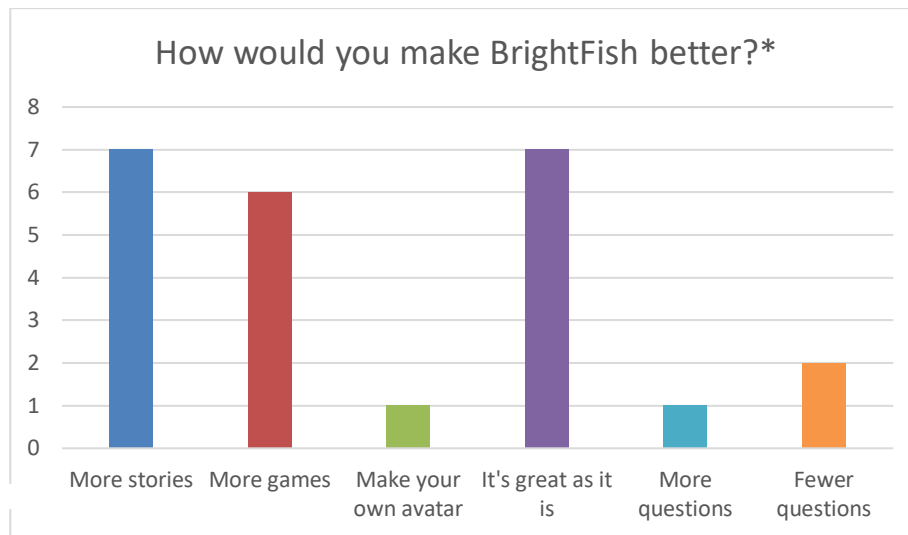
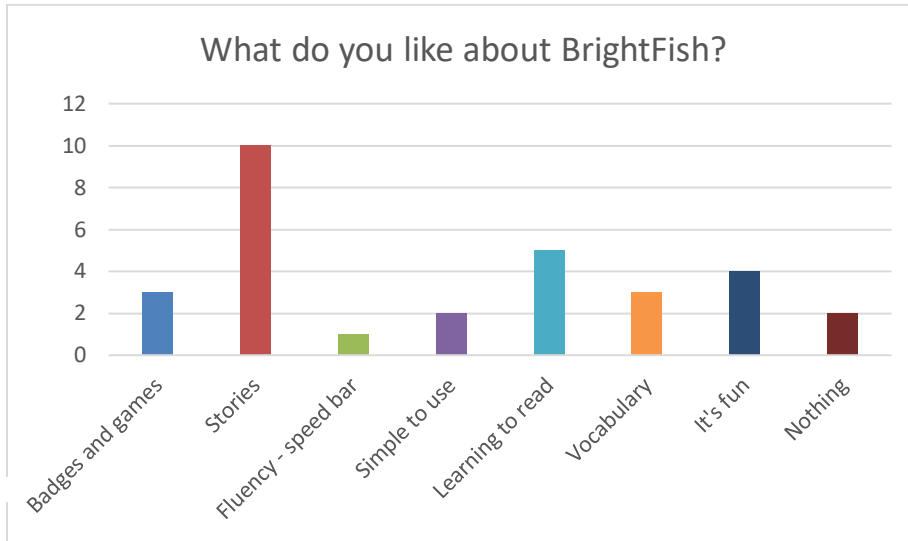


Class	Average Pre-Test Score	Comprehension Level	Average Post-Test Score	Comprehension Level
Class C	69.9%	Independent	86.5%	Independent
Class D	74%	Independent	83%	Independent

## Student Feedback

Students who logged into BrightFish Reading more than five times were given the option to answer two questions: What do you like about BrightFish Reading? How would you make BrightFish better? Twenty-nine students responded and their results are shown below.

Figure 3 and 4: Student Survey



\*Survey data based on 23 responses. Six students skipped this question.

## Summary

Students in the Summer School program at Victor Valley had above-average usage of BrightFish Reading and made great progress. The teachers established local best practices and students responded positively to the story choices, rewards, vocabulary activities and structured practice. The district will continue to use the program for reading intervention during the school year session for 2017-18.