

# **2016-2017 Brummitt Elementary School Improvement Plan**

Brummitt Elementary School  
Duneland School Corporation

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## **Overview**

### **Plan Name**

2016-2017 Brummitt Elementary School Improvement Plan

### **Plan Description**

This plan proposes to strengthen math problem solving skills across the curriculum K-4.

## Goals Summary

The following is a summary of the goals encompassed in this plan. The details for each goal are available in the next section.

#	Goal Name	Goal Details	Goal Type	Total Funding
1	75% of students at Brummitt Elementary School will demonstrate a proficiency in computation and solving word problems in Mathematics.	Objectives: 1 Strategies: 1 Activities: 4	Academic	\$700

## Goal 1: 75% of students at Brummitt Elementary School will demonstrate a proficiency in computation and solving word problems in Mathematics.

### Measurable Objective 1:

75% of Kindergarten, First, Second, Third and Fourth grade Black or African-American, Asian, Bottom 25%, Bottom 30%, White, Economically Disadvantaged, Free/Reduced Lunch, Gifted and Talented, Hispanic or Latino, Improvement from 10th to 12th Grade, Improvement from 8th to 10th Grade, Students with Disabilities, English Learners, Two or More Races, American Indian or Alaska Native, Native Hawaiian or Other Pacific Islander and Top 75% students will demonstrate a proficiency in computation and solving word problems in Mathematics by 05/31/2017 as measured by current Math series assessments, NWEA, STAR Math, and ISTEP.

### Strategy 1:

Simple 6 for Math - Teachers will dedicate 10 minutes a week in addition to regular problem solving instruction to reinforce established strategies and common math vocabulary. Each week, each class will solve a Kay Davidson problem. We will purchase Simple 6 for Math books for teachers. Professional Development would occur in the building (train the trainer). Promote various Simple 6 strategies through a monthly grade level problem solving activity.

Through Kay Davidson's Simple Six for Math, we will track student growth using work samples. We will track progress by RIT level in the specific component of problem solving based on Fall to Spring NWEA data. To show student growth on work samples and allow for immediate student reflection, their original attempt will be completed in pencil and any corrections made with a colored pencil. As the students show growth, they will have less corrections with colored pencil which will signify applying strategies to show their work.

Research Cited: Kay Davidson Simple 6 for Math program

Evidence of success: NWEA

Activity - Purchase Simple 6 for Math program	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Simple 6 Math books provided to staff to read and familiarize themselves with the collective strategies to be utilized in classrooms K-4 at Brummitt Elementary. Posters will be purchased to display in each classroom.	Professional Learning	08/17/2016	10/26/2016	\$500	General Fund	Classroom Teachers Building Principal Title One Staff Remediation Aide Instructional Aides Rtl Math Aide
Activity - Problem of the Month	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

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Brummitt Elementary School

Have a "Problem of the Month" specific to grade level. The problems should all focus on the same strategy for that month. The principal, on morning announcements, will focus more attention on the specific strategy of the month. Students will receive the problem to solve independently and turn in to be checked for accuracy by classroom teachers. All correct answers will be turned into the principal in which one child per grade level will be randomly chosen to receive a reward for his/her effort.	Academic Support Program	09/01/2016	05/31/2017	\$200	General Fund	Classroom teachers Building Principal
<b>Activity - Parent Information</b>	<b>Activity Type</b>	<b>Begin Date</b>	<b>End Date</b>	<b>Resource Assigned</b>	<b>Source Of Funding</b>	<b>Staff Responsible</b>
Letters to parents to explain the problem solving strategies being implemented in the classrooms for Problem Solving instruction. During the 2016-2017 school year, Invite parents into the building to meet with grade levels to further discuss these strategies.	Parent Involvement, Academic Support Program	08/17/2016	05/31/2017	\$0	No Funding Required	Technology Aide Classroom Teachers Building Principal
<b>Activity - Professional Development</b>	<b>Activity Type</b>	<b>Begin Date</b>	<b>End Date</b>	<b>Resource Assigned</b>	<b>Source Of Funding</b>	<b>Staff Responsible</b>
Invite Kay Davidson to present implementation of Simple 6 for Math strategies	Professional Learning	05/04/2016	05/31/2017	\$0	General Fund	Building Principal Classroom Teachers

## Activity Summary by Funding Source

Below is a breakdown of your activities by funding source

### No Funding Required

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
Parent Information	Letters to parents to explain the problem solving strategies being implemented in the classrooms for Problem Solving instruction. During the 2016-2017 school year, Invite parents into the building to meet with grade levels to further discuss these strategies.	Parent Involvement, Academic Support Program	08/17/2016	05/31/2017	\$0	Technology Aide Classroom Teachers Building Principal
<b>Total</b>					<b>\$0</b>	

### General Fund

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
Professional Development	Invite Kay Davidson to present implementation of Simple 6 for Math strategies	Professional Learning	05/04/2016	05/31/2017	\$0	Building Principal Classroom Teachers
Purchase Simple 6 for Math program	Simple 6 Math books provided to staff to read and familiarize themselves with the collective strategies to be utilized in classrooms K-4 at Brummitt Elementary. Posters will be purchased to display in each classroom.	Professional Learning	08/17/2016	10/26/2016	\$500	Classroom Teachers Building Principal Title One Staff Remediation Aide Instructional Aides Rtl Math Aide
Problem of the Month	Have a "Problem of the Month" specific to grade level. The problems should all focus on the same strategy for that month. The principal, on morning announcements, will focus more attention on the specific strategy of the month. Students will receive the problem to solve independently and turn in to be checked for accuracy by classroom teachers. All correct answers will be turned into the principal in which one child per grade level will be randomly chosen to receive a reward for his/her effort.	Academic Support Program	09/01/2016	05/31/2017	\$200	Classroom teachers Building Principal
<b>Total</b>					<b>\$700</b>	