

## REQUEST FOR BOARD APPROVAL OF SUPPLEMENTAL MATERIALS

*Prior to submission, be sure to check DestinyWeb to see if requested item is board approved. If it is, please use Form TXT1003*

**Requestor**

<b>Contact Name</b>	<u>Dr. Kristina Allen</u>	<b>School/Department</b>	<u>Science/Curriculum Department</u>
<b>Contact Phone</b>	<u>520-225-4935</u>	<b>Contact E-Mail</b>	<u>Kristina.allen@tusd1.org</u>
<b>Teacher</b>		<b>Principal/Dept Head</b>	<u>Dr. Clarice Clash</u>

**Material Requested**

<b>Title</b>	<u>Cell Biology and Disease</u>	<b>Quantity Requested</b>	<u>50</u>
<b>Publisher</b>	<u>LAB-AIDS</u>	<b>Unit Cost</b>	<u>\$3531.37</u>
<b>Author(s)</b>	<u>SEPUP, Lawrence Hall of Science at Berkeley</u>	<b>Estimated Total</b>	<u>\$176568.50</u>
<b>Edition</b>	<u>2nd</u>	<b>ISBN</b>	<u>978-1-60301-561-5</u>

**Course Information**

**Course** Science - 6th grade general    **Grade Level(s)** 6th    **% of Classroom Usage?** 100

**Board Meeting Information**

**Who will be present for Questions at Board Meeting?** Dr. Clarice Clash

**Purpose** To enhance our hands-on/inquiry science through the middle grades

**Justification** Increased hands-on science with embedded literacy supports will improve student learning and performance for all students

**School Principal** \_\_\_\_\_ **Date** \_\_\_\_\_

Signature

**Funding Information**

**Budget Code** \_\_\_\_\_

**Funding Source**     M & O     ALE     Deseg     Title 1     Other: \_\_\_\_\_

**Program Overview (600 character limit)**

The SEPUP program is nationally recognized by Changetheequation.org with the highest possible rating (accomplished) in their STEMWorks database of effective proven programs. The core belief of the program is that science concepts should be taught in the context of an issue the students need to address. They develop information to propose a solution through a series of hands-on inquiry experiences with embedded math and literacy supports that flow naturally from the lesson. Because students are asked for a solution, their recommendation matters and exploring the issue matters to them.

**Program of Study (400 character limit)**

The Cell Biology and Disease Unit is aligned with Arizona 6th grade science standards where students explore how infectious diseases affect people. It is a hands-on, student-centered inquiry program that has all needed materials in an organized cart system, very few consumables and electronic resources for teachers and students.

**Justification for Book Request (400 character limit)**

This was determined to be the most effective path to increase student learning in middle level science after researching several options. Lead teachers from across the district evaluated and recommended its implementation. Inquiry science helps with student equity by first providing a common experience, leveling the playing field for students with less outside experiences from which to draw.

**Description of Text (400 character limit)**

In Cell Biology and Disease, students explore how infectious diseases affect people. Students focus on cell size, structure, function, permeability and the different systems of classification. They learn how to use a microscope, and then use it to gather data, building on their ability to conduct experiments. Students also explore the function of the immune system.

**District Office Use Only**

<b>Elementary/Secondary Leadership</b>	<input type="checkbox"/> Supplemental <input type="checkbox"/> Occasional	
E-Signature _____		Date _____
<b>Curriculum &amp; Instruction</b>	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Not Approved	
E-Signature <u>Clarice Clash</u>		Date <u>5/10/17</u>
<b>Finance</b>	<input type="checkbox"/> Confirmed <input type="checkbox"/> Not Confirmed	
E-Signature _____		Date _____
<b>Teaching &amp; Learning</b>	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Not Approved	
E-Signature <u>[Signature]</u>		Date <u>5/15/17</u>
<b>Scheduled Board Meeting Date</b>		

## REQUEST FOR BOARD APPROVAL OF SUPPLEMENTAL MATERIALS

*Prior to submission, be sure to check DestinyWeb to see if requested item is board approved. If it is, please use Form TXT1003*

**Requestor**

<b>Contact Name</b> <u>Dr. Kristina Allen</u>	<b>School/Department</b> <u>Science/Curriculum Department</u>
<b>Contact Phone</b> <u>520-225-4935</u>	<b>Contact E-Mail</b> <u>Kristina.allen@tusd1.org</u>
<b>Teacher</b> _____	<b>Principal/Dept Head</b> <u>Dr. Clarice Clash</u>

**Material Requested**

<b>Title</b> <u>Energy</u>	<b>Quantity Requested</b> <u>50</u>
<b>Publisher</b> <u>LAB-AIDS</u>	<b>Unit Cost</b> <u>\$3116.02</u>
<b>Author(s)</b> <u>SEPUP, Lawrence Hall of Science at Berkeley</u>	<b>Estimated Total</b> <u>\$155801</u>
<b>Edition</b> <u>2nd</u>	<b>ISBN</b> <u>978-1-60301-625-4</u>

**Course Information**

**Course** Science - 6th grade general      **Grade Level(s)** 6th      **% of Classroom Usage?** 100

**Board Meeting Information**

**Who will be present for Questions at Board Meeting?** Dr. Clarice Clash

**Purpose** To enhance our hands-on/inquiry science through the middle grades

**Justification** Increased hands-on science with embedded literacy supports will improve student learning and performance for all students

**School Principal** \_\_\_\_\_ **Date** \_\_\_\_\_  
Signature

**Funding Information**

**Budget Code** \_\_\_\_\_

**Funding Source**     M & O     ALE     Deseg     Title 1     Other: \_\_\_\_\_

<b>Program Overview</b> (600 character limit)
The SEPUP program is nationally recognized by Changetheequation.org with the highest possible rating (accomplished) in their STEMWorks database of effective proven programs. The core belief of the program is that science concepts should be taught in the context of an issue the students need to address. They develop information to propose a solution through a series of hands-on inquiry experiences with embedded math and literacy supports that flow naturally from the lesson. Because students are asked for a solution, their recommendation matters and exploring the issue matters to them.
<b>Program of Study</b> (400 character limit)
The Energy Unit is aligned with Arizona 6th grade science standards where students explore key energy concepts in the context of household energy use. It is a hands-on, student-centered inquiry program that has all needed materials in an organized cart system, very few consumables and electronic resources for teachers and students.
<b>Justification for Book Request</b> (400 character limit)
This was determined to be the most effective path to increase student learning in middle level science after researching several options. Lead teachers from across the district evaluated and recommended its implementation. Inquiry science helps with student equity by first providing a common experience, leveling the playing field for students with less outside experiences from which to draw.
<b>Description of Text</b> (400 character limit)
Students explore energy transfer and conservation in the context of household energy usage. They explore key energy concepts, including the variety of types of energy, energy transfers within and between systems, the energy chains involved when energy is transformed from one type to a more desired type, and the methods used to quantify energy and determine the efficiency of energy transfers.

District Office Use Only			
<b>Elementary/Secondary Leadership</b>	<input type="checkbox"/> Supplemental <input type="checkbox"/> Occasional		
E-Signature _____		Date _____	
<b>Curriculum &amp; Instruction</b>	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Not Approved		
E-Signature <u>Clarice Clash</u>		Date <u>5/19/17</u>	
<b>Finance</b>	<input type="checkbox"/> Confirmed <input type="checkbox"/> Not Confirmed		
E-Signature _____		Date _____	
<b>Teaching &amp; Learning</b>	<input type="checkbox"/> Approved <input type="checkbox"/> Not Approved		
E-Signature <u>[Signature]</u>		Date <u>6/19/17</u>	
<b>Scheduled Board Meeting Date</b>			

## REQUEST FOR BOARD APPROVAL OF SUPPLEMENTAL MATERIALS

Prior to submission, be sure to check DestinyWeb to see if requested item is board approved. If it is, please use Form TXT1003

**Requestor**

Contact Name	<u>Dr. Kristina Allen</u>	School/Department	<u>Science/Curriculum Department</u>
Contact Phone	<u>520-225-4935</u>	Contact E-Mail	<u>Kristina.allen@tusd1.org</u>
Teacher	_____	Principal/Dept Head	<u>Dr. Clarice Clash</u>

**Material Requested**

Title	<u>Weather and Atmosphere</u>	Quantity Requested	<u>50</u>
Publisher	<u>LAB-AIDS</u>	Unit Cost	<u>\$2343.91</u>
Author(s)	<u>SEPUP, Lawrence Hall of Science at Berkeley</u>	Estimated Total	<u>\$117195.50</u>
Edition	<u>2nd</u>	ISBN	<u>978-1-60301-599-8</u>

**Course Information**

Course Science - 6th grade general Grade Level(s) 6th % of Classroom Usage? 100

**Board Meeting Information**

Who will be present for Questions at Board Meeting? Dr. Clarice Clash

Purpose To enhance our hands-on/inquiry science through the middle grades

Justification Increased hands-on science with embedded literacy supports will improve student learning and performance for all students

School Principal \_\_\_\_\_ Signature \_\_\_\_\_ Date \_\_\_\_\_

**Funding Information**

Budget Code \_\_\_\_\_

Funding Source  M & O  ALE  Deseg  Title I  Other: \_\_\_\_\_

**Program Overview (600 character limit)**

The SEPUP program is nationally recognized by Changetheequation.org with the highest possible rating (accomplished) in their STEMWorks database of effective proven programs. The core belief of the program is that science concepts should be taught in the context of an issue the students need to address. They develop information to propose a solution through a series of hands-on inquiry experiences with embedded math and literacy supports that flow naturally from the lesson. Because students are asked for a solution, their recommendation matters and exploring the issue matters to them.

**Program of Study (400 character limit)**

The Weather and Atmosphere Unit is aligned with Arizona 6th grade science standards where students investigate local weather and climate data and consider the impact of weather and weather-related disasters. It is a hands-on, student-centered inquiry program that has all needed materials in an organized cart system, very few consumables and electronic resources for teachers and students.

**Justification for Book Request (400 character limit)**

This was determined to be the most effective path to increase student learning in middle level science after researching several options. Lead teachers from across the district evaluated and recommended its implementation. Inquiry science helps with student equity by first providing a common experience, leveling the playing field for students with less outside experiences from which to draw.

**Description of Text (400 character limit)**

In the Weather and Atmosphere unit, students investigate local weather and climate data and consider the impact of weather and weather-related disasters. Through laboratory activities, investigations, and simulations, students investigate the factors that cause weather and climate, including energy from the sun, the water cycle, and global ocean currents.

**District Office Use Only**

Elementary/Secondary Leadership	<input type="checkbox"/> Supplemental	<input type="checkbox"/> Occasional	
E-Signature			Date
Curriculum & Instruction	<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Not Approved	
E-Signature	<i>Clara Cook</i>		Date <u>5/19/17</u>
Finance	<input type="checkbox"/> Confirmed	<input type="checkbox"/> Not Confirmed	
E-Signature			Date
Teaching & Learning	<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Not Approved	
E-Signature	<i>[Signature]</i>		Date <u>6/18/17</u>
Scheduled Board Meeting Date			