

**ATTACHMENT II  
SUBSTITUTION REQUEST  
SIDE-BY-SIDE COMPARISON**

Date: January 7, 2015

To: Cassandra Pignato, Texas Education Agency  
From: Elizabeth Coyne, Discovery Education

**Publisher/Vendor:** Discovery Education, Inc.

**Legal name of publishing company requesting substitution (if different from above):** N/A

**Course/ISBN (Subject Area/Grade Level):** Discovery Education Texas Science Techbook; Grade K / 9781618285799

**CERTIFICATION:**

The undersigned certifies that the substitution listed herein meets the applicable essential knowledge and skills, is free from factual errors, and meets manufacturing standards. The undersigned further understands and agrees to supply the previous version of the state-adopted instructional material to school districts that choose to continue using the previous version during the duration of the original contract dated 9/1/2014 (this does not apply to online materials). This substitution shall be provided at no additional cost to the state.

  
\_\_\_\_\_  
Signature of Company Officer

1/12/15  
Date

Student Connections to Grade K TEKS

Currently Adopted Title		Requested Substitution		
Discovery Education Texas Science Techbook; Grade K / 9781618285799		Discovery Education Texas Science Techbook; Grade K / 9781618285799		
TEKS	Existing Page (s)	Existing Location	NEW Page (s)	NEW Location
(4)(A)(ii)	Living Things/Observing Living Things/Explore More Resources/Video Segment: Science Tools: Magnifying Glass  <a href="http://app.discoveryeducation.com/player/view/assetGuid/8BB98071-D21F-477E-9756-CDB918757676">http://app.discoveryeducation.com/player/view/assetGuid/8BB98071-D21F-477E-9756-CDB918757676</a>	With this video, students learn how to use a hand lens (magnifying glass) to collect information about objects.	Living Things/Observing Living Things/Explore More Resources/Reading Passage/Learning to Use a Hand Lens  <a href="https://app.box.com/s/7ogodl82rx2q83adkw72">https://app.box.com/s/7ogodl82rx2q83adkw72</a>	With this reading passage, students learn how to use a hand lens to collect information about objects.

Student Connections to Grade K ELPS

ELPS	Existing Page (s)	Existing Location	NEW Page (s)	NEW Location
(2)(I)(3)	<p><a href="#">Living Things/How Plants Live and Grow/Model Lesson/Session 1/Engage</a></p> <p><a href="http://app.discoveryeducation.com/techbook2:concept/view/guidConceptId/668c8c6a-11cb-4f1a-96ea-0a7d80fa9687/guidUnitId/b2e8f112-2bc0-46cc-9287-5ddde13f4204?tab=model-lesson-tab&amp;page=1&amp;subTab=sessions2and3">http://app.discoveryeducation.com/techbook2:concept/view/guidConceptId/668c8c6a-11cb-4f1a-96ea-0a7d80fa9687/guidUnitId/b2e8f112-2bc0-46cc-9287-5ddde13f4204?tab=model-lesson-tab&amp;page=1&amp;subTab=sessions2and3</a></p>	<p>After viewing the video segment "Superfab Lab Growing and Changing" the teacher will gauge students' listening comprehension by asking the class a series of questions related to the video and the concept How Plants Live and Grow. Students will provide oral responses to questions such as, "What plant parts did you see on the plants that started to grow?" and "What did Sid and the other children need to give the seed to help it grow?"</p>	<p>Living Things/How Plants Live and Grow/Model Lesson/Session 1/Engage/Video owls Live and Grow: Growing a Bush Bean</p> <p><a href="https://app.discoveryeducation.com/player/view/assetGuid/B97BF0C6-64D2-43BA-A0A7-D3C0B9904B17">https://app.discoveryeducation.com/player/view/assetGuid/B97BF0C6-64D2-43BA-A0A7-D3C0B9904B17</a></p>	<p>After viewing the video segment "How Plants Live and Grow: Growing a Bush Bean" the teacher will gauge students' listening comprehension by asking the class a series of questions related to the video and the concept How Plants Live and Grow. Students will provide oral responses to questions such as, "What plant parts did you see on the plants that started to grow?" and "What did the children need to give the seed to help it grow?"</p>
(4)(G)(3)	<p><a href="#">Living Things/How Plants Live and Grow/Model Lesson/Session 1/Engage</a></p> <p><a href="http://app.discoveryeducation.com/techbook2:concept/view/guidConceptId/668c8c6a-11cb-4f1a-96ea-0a7d80fa9687/guidUnitId/b2e8f112-2bc0-46cc-9287-5ddde13f4204?tab=model-lesson-tab&amp;page=1&amp;subTab=session1">http://app.discoveryeducation.com/techbook2:concept/view/guidConceptId/668c8c6a-11cb-4f1a-96ea-0a7d80fa9687/guidUnitId/b2e8f112-2bc0-46cc-9287-5ddde13f4204?tab=model-lesson-tab&amp;page=1&amp;subTab=session1</a></p>	<p>After watching and reviewing the video segment "Superfab Lab: Growing and Changing" from the Sid the Science Kid series. Note that students will demonstrate their comprehension of the concepts of germination requirements and seed transformation by responding to a series of questions, such as "Where did Sid and his friends put their seeds to help the seeds grow?", "What did the children use cups plant their seeds in?" and "What plant parts did you see on the plants that started to grow?"</p>	<p>Living Things/How Plants Live and Grow/Model Lesson/Session 1/Engage/ Video Segment/ How Plants Live and Grow: Growing a Bush Bean</p> <p><a href="https://app.discoveryeducation.com/player/view/assetGuid/B97BF0C6-64D2-43BA-A0A7-D3C0B9904B17">https://app.discoveryeducation.com/player/view/assetGuid/B97BF0C6-64D2-43BA-A0A7-D3C0B9904B17</a></p>	<p>After watching and reviewing the video segment How Plants Live and Grow: Growing a Bush Bean" from the Paul the Penguin series. Note that students will demonstrate their comprehension of the concepts of germination requirements and seed transformation by responding to a series of questions, such as "Where did the students put their seeds to help the seeds grow?", "Why did the children use cups to plant their seeds in?" and "What plant parts did you see on the plants that started to grow?"</p>

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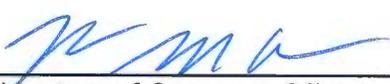
**Publisher/Vendor:** Discovery Education, Inc.

**Legal name of publishing company requesting substitution** (if different from above): N/A

**Course/ISBN** (Subject Area/Grade Level): **Discovery Education Texas Science Techbook; Grade 1 / 9781618285805**

**CERTIFICATION:**

The undersigned certifies that the substitution listed herein meets the applicable essential knowledge and skills, is free from factual errors, and meets manufacturing standards. The undersigned further understands and agrees to supply the previous version of the state-adopted instructional material to school districts that choose to continue using the previous version during the duration of the original contract dated 9/1/2014 (this does not apply to online materials). This substitution shall be provided at no additional cost to the state.

  
\_\_\_\_\_  
Signature of Company Officer

1/18/15  
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Date

Student Connections to Grade 1 TEKS

Currently Adopted Title			Requested Substitution	
Discovery Education Texas Science Techbook; Grade 1 / 9781618285805			Discovery Education Texas Science Techbook; Grade 1 / 9781618285805	
TEKS	Existing Page (s)	Existing Location	NEW Page (s)	NEW Location
(3)(A)(i)	Motion and Energy/What Do I Hear?/Engage/Video: Too Much Noise  <a href="http://app.discoveryeducation.com/player/view/assetGuid/751C33F0-FE9C-4A0B-B2C7-4D77234300E1">http://app.discoveryeducation.com/player/view/assetGuid/751C33F0-FE9C-4A0B-B2C7-4D77234300E1</a>	In this video, students observe Sid as he identifies a problem (too much noise), explains the problem (noise travels), and proposes a solution to the problem (covering his ears).	Motion and Energy/What Do I Hear?/Engage/Video: What An Awful Sound  <a href="https://app.discoveryeducation.com/player/view/assetGuid/5752E511-8002-436E-A931-E2B6E8E350E1">https://app.discoveryeducation.com/player/view/assetGuid/5752E511-8002-436E-A931-E2B6E8E350E1</a>	In this video, students observe Carlos as he identifies a problem (his instrument doesn't sound good)

(3)(A)(ii)	<p>Motion and Energy/What Do I Hear?/Engage/Video: Too Much Noise</p> <p><a href="http://app.discoveryeducation.com/player/view/assetGuid/751C3F0-FE9C-4A0B-B2C7-4D77234300E1">http://app.discoveryeducation.com/player/view/assetGuid/751C3F0-FE9C-4A0B-B2C7-4D77234300E1</a></p>	<p>In this video, students observe Sid as he identifies a problem (too much noise), explains the problem (noise travels), and proposes a solution to the problem (covering his ears).</p>	<p>Motion and Energy/What Do I Hear?/Engage/Video: Follow That Sound Wave</p> <p><a href="https://app.discoveryeducation.com/player/view/assetGuid/30BC2871-CBB4-4EDC-833B-C28E18AE6BE2">https://app.discoveryeducation.com/player/view/assetGuid/30BC2871-CBB4-4EDC-833B-C28E18AE6BE2</a></p>	<p>In this video, students observe Carlos as he explains the problem about his instrument (no vibrations), and proposes a solution to the problem (remove the extra stuff from the instrument).</p>
(3)(A)(iii)	<p>Motion and Energy/What Do I Hear?/Engage/Video: Too Much Noise</p> <p><a href="http://app.discoveryeducation.com/player/view/assetGuid/751C3F0-FE9C-4A0B-B2C7-4D77234300E1">http://app.discoveryeducation.com/player/view/assetGuid/751C3F0-FE9C-4A0B-B2C7-4D77234300E1</a></p>	<p>In this video, students observe Sid as he identifies a problem (too much noise), explains the problem (noise travels), and proposes a solution to the problem (covering his ears).</p>	<p>Motion and Energy/What Do I Hear?/Engage/Video: Follow That Sound Wave</p> <p><a href="https://app.discoveryeducation.com/player/view/assetGuid/30BC2871-CBB4-4EDC-833B-C28E18AE6BE2">https://app.discoveryeducation.com/player/view/assetGuid/30BC2871-CBB4-4EDC-833B-C28E18AE6BE2</a></p>	<p>In this video, students observe Carlos as he explains the problem about his instrument (no vibrations), and proposes a solution to the problem (remove the extra stuff from the instrument).</p>
(4)(A)(xi)	<p>Properties of Matter/Sorting Objects/Elaborate/Video: Super Fab Lab: Measurement</p> <p><a href="http://app.discoveryeducation.com/player/view/assetGuid/2fd3d41b-acd2-4afe-bb58-cc33ce7c24ab">http://app.discoveryeducation.com/player/view/assetGuid/2fd3d41b-acd2-4afe-bb58-cc33ce7c24ab</a></p>	<p>In this Video, students learn about ways to measure and compare organisms and objects using non-standard units.</p>	<p>Properties of Matter/Sorting Objects/Elaborate/Reading Passage/ Learning to Use Non-standards Units</p> <p><a href="https://app.box.com/s/tc-poywckag8vryfklrjd">https://app.box.com/s/tc-poywckag8vryfklrjd</a></p>	<p>In this reading passage, students learn about ways to measure and compare objects using non-standard units.</p>
(4)(A)(xxvi)	<p>Properties of Matter/Sorting Objects/Elaborate/Video: Super Fab Lab: Measurement</p> <p><a href="http://app.discoveryeducation.com/player/view/assetGuid/2fd3d41b-acd2-4afe-bb58-cc33ce7c24ab">http://app.discoveryeducation.com/player/view/assetGuid/2fd3d41b-acd2-4afe-bb58-cc33ce7c24ab</a></p>	<p>In this Video, students learn about ways to measure and compare organisms and objects using non-standard units.</p>	<p>Properties of Matter /Sorting Objects/Elaborate/Reading Passage/ Learning to Use Non-standards Units</p> <p><a href="https://app.box.com/s/tc-poywckag8vryfklrjd">https://app.box.com/s/tc-poywckag8vryfklrjd</a></p>	<p>In this reading passage, students learn about ways to measure and compare objects using non-standard units.</p>
(4)(B)(i)	<p>Properties of Matter/Sorting Objects/Elaborate/Video: Super Fab Lab: Measurement</p> <p><a href="http://app.discoveryeducation.com/player/view/assetGuid/2fd3d41b-acd2-4afe-bb58-cc33ce7c24ab">http://app.discoveryeducation.com/player/view/assetGuid/2fd3d41b-acd2-4afe-bb58-cc33ce7c24ab</a></p>	<p>In this Video, students learn about ways to measure and compare organisms and objects using non-standard units.</p>	<p>Properties of Matter/Sorting Objects/Elaborate/Reading Passage/ Learning to Use Non-standards Units</p> <p><a href="https://app.box.com/s/tc-poywckag8vryfklrjd">https://app.box.com/s/tc-poywckag8vryfklrjd</a></p>	<p>In this reading passage, students learn about ways to measure and compare objects using non-standard units.</p>
(4)(B)(iii)	<p>Properties of Matter/Sorting Objects/Elaborate/Video: Super Fab Lab: Measurement</p> <p><a href="http://app.discoveryeducation.com/player/view/assetGuid/2fd3d41b-acd2-4afe-bb58-cc33ce7c24ab">http://app.discoveryeducation.com/player/view/assetGuid/2fd3d41b-acd2-4afe-bb58-cc33ce7c24ab</a></p>	<p>In this Video, students learn about ways to measure and compare organisms and objects using non-standard units.</p>	<p>Properties of Matter/Sorting Objects/Elaborate/Reading Passage/ Learning to Use Non-standards Units</p> <p><a href="https://app.box.com/s/tc-poywckag8vryfklrjd">https://app.box.com/s/tc-poywckag8vryfklrjd</a></p>	<p>In this reading passage, students learn about ways to measure and compare objects using non-standard units.</p>

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**Legal name of publishing company requesting substitution (if different from above):** N/A

**Course/ISBN (Subject Area/Grade Level):** Discovery Education Texas Science Techbook; Grade 2 / 9781618285812

**CERTIFICATION:**

The undersigned certifies that the substitution listed herein meets the applicable essential knowledge and skills, is free from factual errors, and meets manufacturing standards. The undersigned further understands and agrees to supply the previous version of the state-adopted instructional material to school districts that choose to continue using the previous version during the duration of the original contract dated 9/1/2014 (this does not apply to online materials). This substitution shall be provided at no additional cost to the state.

  
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Signature of Company Officer

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Date

Student Connections to Grade 2 TEKS

Currently Adopted Title		Requested Substitution		
Discovery Education Texas Science Techbook; Grade 2 / 9781618285812		Discovery Education Texas Science Techbook; Grade 2 / 9781618285821		
TEKS	Existing Page (s)	Existing Location	NEW Page (s)	NEW Location
(2)(B)(ii)	Properties of Matter/Temperature/Explore/Video: Super Fab Lab: Temperature  <a href="http://app.discoveryeducation.com/player/view/assetGuid/9D5BC8F4-6350-477D-B5B0-BBC7C9A23E10">http://app.discoveryeducation.com/player/view/assetGuid/9D5BC8F4-6350-477D-B5B0-BBC7C9A23E10</a>	In this video, students learn how to conduct descriptive investigations as they watch Sid investigate hot and cold.	Properties of Matter/Temperature/Explore/Explore More Resources/Reading Passage/Learning to Use Science Skills  <a href="https://app.box.com/s/w28dg96x03mok52f0c3">https://app.box.com/s/w28dg96x03mok52f0c3</a>	In this reading passage, students learn how to conduct descriptive investigations as they investigate growing plants in hot and cold.

(2)(E)(ii)	<p>Force and Motion/Changes in Matter/Explore/Video: Heat Changes Things</p> <p><a href="http://app.discoveryeducation.com/player/view/assetGuid/7E4DD081-C09C-4EEA-9508-0936C3DBDB5E">http://app.discoveryeducation.com/player/view/assetGuid/7E4DD081-C09C-4EEA-9508-0936C3DBDB5E</a></p>	<p>In this video, students learn to justify their explanations with data as they conduct a descriptive investigation about how heat changes apples.</p>	<p>Force and Motion/Changes in Matter Matter/Explore/Explore More Resources/Reading Passage/How Do Things Change?</p> <p><a href="https://app.box.com/s/ym1lqf9dogoo8o6cnmt">https://app.box.com/s/ym1lqf9dogoo8o6cnmt</a></p>	<p>In this reading passage, students learn to justify their explanations with data as they conduct simple descriptive investigations about how heat changes water.</p>
(4)(A)(xxv)	<p>Earth's Weather/What is Weather?/Explain/Video: Measuring Hot and Cold</p> <p><a href="http://app.discoveryeducation.com/player/view/assetGuid/3720b4e7-f28e-4e9f-84a1-39de5a790077">http://app.discoveryeducation.com/player/view/assetGuid/3720b4e7-f28e-4e9f-84a1-39de5a790077</a></p>	<p>In this video, students learn to compare temperatures of different places and things using a weather instrument, the thermometer.</p>	<p>Earth's Weather/Weather/What is Weather?/Explain/Reading Passage/Weather Tools</p> <p><a href="https://app.box.com/s/ronmvwn0nxh1oamfgupb">https://app.box.com/s/ronmvwn0nxh1oamfgupb</a></p>	<p>In this reading passage, students learn to compare information using tools, including weather instruments</p>