

Title	Level *	Next Generation Grade 5 Science Standards	ELA Standards			
		Disciplinary Core Ideas	Reading Informational texts	Writing	Speaking & Listening	Language
<p>Luces que guían habla de la historia de los faros, puntualizando las diversas técnicas que se han usado a través del tiempo para producir la luz que alerta a los barcos de costas sinuosas y otros peligros. Examina los principales inventos y los mejoramientos de diseño de los faros, desde simples fogatas en una colina hasta los modernos sistemas automatizados que vemos hoy en día..</p>	T (50)	<p>ETS1.A Defining and delimiting engineering problems ETS1.B Developing possible solutions ETS1.C Optimizing the design solution</p>	5.RI.1 Quote accurately from a text when explaining what the text says explicitly and when drawing inferences from the text	5.W.7 Conduct short research projects that use several sources to build knowledge through investigation of different aspects of a topic	5.SL.4 Report on a topic or text or present an opinion, sequencing ideas logically and using appropriate facts and relevant, descriptive details to support main ideas or themes; speak clearly at an understandable pace	5.L.3a Expand, combine, and reduce sentences for meaning, reader/listener interest, and style
<p>El moco de roca, el sapo de caña y otros invasores reporta sobre seres vivos que se han introducido a nuevos ambientes y los problemas que esto ha causado. El libro explica cómo estas plagas han afectado plantas y animales nativos y han trastornado el equilibrio de los ecosistemas en los que se han introducido. También habla de estrategias que se han seguido para erradicar las plagas y restaurar los medioambientes naturales.</p>	T (50)	<p>ESS3.C Human impacts on Earth systems LS2.A Interdependent relationships in ecosystems LS2.B Cycles of matter and energy transfer in ecosystem</p>	5.RI.2 Determine two or more main ideas of a text and explain how they are supported by key details; summarize the text.	5.W.4 Produce clear and coherent writing in which the development and organization are appropriate to task, purpose, and audience	5.SL.1c Pose and respond to specific questions by making comments that contribute to the discussion and elaborate on the remarks of others	5.L.6 Acquire and use accurately grade-appropriate general academic and domain-specific words and phrases, including those that signal contrast, addition, and other logical relationships

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<p>Un medioambiente compartido explora el hecho que las necesidades de la gente y las de los animales que viven en su hábitat natural frecuentemente están en conflicto.</p>	T (50)	<p>LS2.A Interdependent relationships in ecosystems LS2.B Cycles of matter and energy transfer in ecosystems ESS2.C The roles of water in Earth's surface processes ESS3.C Human impacts on Earth systems</p>	<p>5.RI.3 Explain the relationships or interactions between two or more individuals, events, ideas, or concepts in a historical, scientific, or technical text based on specific information in the text</p>	<p>5.W.2 Write informative/explanatory texts to examine a topic and convey ideas and information clearly</p>	<p>5.SL.4 Report on a topic or text or present an opinion, sequencing ideas logically and using appropriate facts and relevant, descriptive details to support main ideas or themes; speak clearly at an understandable pace</p>	<p>5.L.4a Use context as a clue to the meaning of a word or phrase</p>
<p>Los científicos piensan que el albatros viajero es una de las aves más fantásticas que hay en la Tierra, que los ha maravillado con sus fantásticas proezas de vuelo y se preguntan cómo un ave tan grande puede lograr ese vuelo. El albatros viajero explora estos atributos y comenta las amenazas que implican las acciones humanas que pueden dar como resultado la extinción de esta ave tan increíble.</p>	T (50)	<p>LS1.C Organization for matter and energy flow in organisms ESS2.C The roles of water in Earth's surface processes ESS3.C Human impacts on Earth systems</p>	<p>5.RI.2 Determine two or more main ideas of a text and explain how they are supported by key details; summarize the text</p>	<p>5.W.2 Write informative/explanatory texts to examine a topic and convey ideas and information clearly</p>	<p>5.SL.1b Follow agreed-upon rules for discussions and carry out assigned roles</p>	<p>5.L.4a Use context as a clue to the meaning of a word or phrase</p>
<p>¿Cómo sobreviven las plantas? examina las necesidades esenciales de las plantas y habla de varias plantas que se han adaptado para sobrevivir cuando no se satisfacen una o más de esas necesidades. Explica cómo las plantas se reproducen y cómo la capacidad para hacerlo es esencial para su supervivencia.</p>	U (50)	<p>LS2.A Interdependent relationships in ecosystems LS2.B Cycles of matter and energy transfer in ecosystems LS1.C Organization for matter and energy flow in organisms PS3.D Energy in chemical processes and everyday life</p>	<p>5.RI.3 Explain the relationships or interactions between two or more individuals, events, ideas, or concepts in a historical, scientific, or technical text based on specific information in the text</p>	<p>5.W.4 Produce clear and coherent writing in which the development and organization are appropriate to task, purpose, and audience</p>	<p>5.SL.1b Follow agreed-upon rules for discussions and carry out assigned roles</p>	<p>5.L.4a Use context as a clue to the meaning of a word or phrase</p>

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<p>Ideas que impactan: John Muir cuenta la increíble historia de John Muir, un ambientalista apasionado que pasó su vida haciendo campaña para proteger áreas silvestres naturales. Explica la forma en que John Muir compartió su pasión por la naturaleza, escribiendo artículos y dando conferencias, y cómo convenció a los gobiernos para proteger Yosemite declarándolo parque nacional.</p>	U (50)	ESS2.A Earth materials and systems ESS2.C The roles of water in Earth's surface processes ESS3.C Human impacts on Earth systems	5.RI.1 Quote accurately from a text when explaining what the text says explicitly and when drawing inferences from the text	5.W.2 Write informative/explanatory texts to examine a topic and convey ideas and information clearly	5.SL.1b Follow agreed-upon rules for discussions and carry out assigned roles	5.L.4a Use context as a clue to the meaning of a word or phrase
<p>Los ríos del salmón presenta un estudio de dos especies de animales, el oso pardo y el salmón, en un hábitat: un río de salmón. Describe cómo se benefician mutuamente y cómo benefician al hábitat en el que viven.</p>	U (50)	PS3.D Energy in chemical processes and everyday life LS1.C Organization for matter and energy flow in organisms: LS2.A Interdependent relationships in ecosystems LS2.B Cycles of matter and energy transfer in ecosystems ESS1.B Earth and the solar system: ESS3.C Human impacts on Earth systems	5.RI.1 Quote accurately from a text when explaining what the text says explicitly and when drawing inferences from the text	5.W.1 Write opinion pieces on topics or texts, supporting a point of view with reasons and information	5.SL.1a Come to discussions prepared, having read or studied required material; explicitly draw on that preparation and other information known about the topic to explore ideas under discussion	5.L.3a Expand, combine, and reduce sentences for meaning, reader/listener interest, and style
<p>La ciencia al alcance de todos relata los logros excepcionales de las científicas Rachel Carson y Sally Ride y examina cómo alcanzaron el éxito en su campo de estudio, haciendo sus ideas científicas accesibles e interesantes para los jóvenes, a través de los medios sociales. El libro introduce también a los lectores a proyectos de ciencias en los que toda la gente puede participar.</p>	U (50)	ESS1.B Earth and the solar system ESS3.C Human impacts on Earth systems ETS1.A Defining and delimiting engineering problems: ETS1.B Developing possible solutions ETS1.C Optimizing the design solution	5.RI.3 Explain the relationships or interactions between two or more individuals, events, ideas, or concepts in a historical, scientific, or technical text based on specific information in the text	5.W.4 Produce clear and coherent writing in which the development and organization are appropriate to task, purpose, and audience	5.SL.1d Review the key ideas expressed and draw conclusions in light of information and knowledge gained from the discussions	5.L.4a Use context as a clue to the meaning of a word or phrase

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<p>Los humedales examina la forma en que los complejos ecosistemas de los humedales realizan una variedad de funciones de importancia vital para el medioambiente. Utiliza estudios de caso de humedales importantes para investigar los problemas que causa la gente.</p>	U (50)	<p>LS2.A Interdependent relationships in ecosystems LS2.B Cycles of matter and energy transfer in ecosystems ESS2.C The roles of water in Earth's surface processes ESS3.C Human impacts on Earth systems</p>	<p>5.RI.3 Explain the relationships or interactions between two or more individuals, events, ideas, or concepts in a historical, scientific, or technical text based on specific information in the text</p>	<p>5.W.1 Write opinion pieces on topics or texts, supporting a point of view with reasons and information</p>	<p>5.SL.1d Review the key ideas expressed and draw conclusions in light of information and knowledge gained from the discussions</p>	<p>5.L.6 Acquire and use accurately grade-appropriate general academic and domain-specific words and phrases, including those that signal contrast, addition, and other logical relationships</p>
<p>Yellowstone: Un ecosistema único examina la riqueza y diversidad de la vida del primer parque nacional del mundo. El libro se concentra en los vínculos entre el sol, el clima, el terreno y los seres vivos que viven en Yellowstone. También realza la interacción entre la vasta variedad de plantas y animales del parque y cómo las acciones de los humanos han impactado este ecosistema único.</p>	U (50)	<p>LS1.C Organization for matter and energy flow in organisms LS2.A Interdependent relationships in ecosystems: LS2.B Cycles of matter and energy transfer in ecosystems: ESS3.C Human impacts on Earth systems PS3.D Energy in chemical processes and everyday life</p>	<p>5.RI.2 Determine two or more main ideas of a text and explain how they are supported by key details; summarize the text</p>	<p>5.W.1 Write opinion pieces on topics or texts, supporting a point of view with reasons and information</p>	<p>5.SL.1b Follow agreed-upon rules for discussions and carry out assigned roles</p>	<p>5.L.6 Acquire and use accurately grade-appropriate general academic and domain-specific words and phrases, including those that signal contrast, addition, and other logical relationships</p>
<p>Nosotros y los animales explora las complejas relaciones que existen entre los humanos y otros animales y la forma en que la gente usa y aprovecha la ayuda de los animales.</p>	V (50)	<p>ESS3.C Human impacts on Earth systems ETS1.B Developing possible solutions ETS1.C Optimizing the design solution</p>	<p>5.RI.1 Quote accurately from a text when explaining what the text says explicitly and when drawing inferences from the text</p>	<p>5.W.2 Write informative/explanatory texts to examine a topic and convey ideas and information clearly</p>	<p>5.SL.1a Come to discussions prepared, having read or studied required material; explicitly draw on that preparation and other information known about the topic to explore ideas under discussion</p>	<p>5.L.3a Expand, combine, and reduce sentences for meaning, reader/listener interest, and style</p>

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<p>El cambio climático explica que a pesar de que el clima de la Tierra siempre está cambiando, las investigaciones científicas demuestran que en los últimos 100 años ha aumentado la temperatura promedio de la Tierra y se piensa que el calentamiento está afectando nuestro clima.</p>	V (50)	PS1.A Structure and properties of matter PS3.D Energy in chemical processes and everyday life LS1.C Organization for matter and energy flow in organisms LS2.A Independent relationships in ecosystems: LS2.B Cycles of matter and energy transfer in ecosystems ESS2.C The roles of water in Earth's surface processes ETS1.A Defining and delimiting engineering problems ETS1.B Developing possible solutions ETS1.C Optimizing the design solution	5.RI.3 Explain the relationships or interactions between two or more individuals, events, ideas, or concepts in a historical, scientific, or technical text based on specific information in the text	5.W.2 Write informative/explanatory texts to examine a topic and convey ideas and information clearly	5.SL.1c Pose and respond to specific questions by making comments that contribute to the discussion and elaborate on the remarks of others	5.L.4a Use context as a clue to the meaning of a word or phrase
<p>Los desiertos explora diferentes tipos de desiertos, sus características y cómo se forman, y también discute las diversas adaptaciones de las plantas y animales que les permiten sobrevivir en ambientes desérticos duros.</p>	V (50)	LS2.A Interdependent relationships in ecosystems ESS2.C The roles of water in Earth's surface processes ESS3.C Human impacts on Earth systems	5.RI.4 Determine the meaning of general academic and domain-specific words and phrases in a text relevant to a grade 5 topic or subject area	5.W.2 Write informative/explanatory texts to examine a topic and convey ideas and information clearly	5.SL.1d Review the key ideas expressed and draw conclusions in light of information and knowledge gained from the discussions	5.L.6 Acquire and use accurately grade-appropriate general academic and domain-specific words and phrases, including those that signal contrast, addition, and other logical relationships
<p>La Tierra, el Sol y la Luna habla de la importante relación científica que existe entre el Sol, la Tierra y la Luna y explica por qué el Sol y la Luna son cruciales para la vida en la Tierra.</p>	V (50)	PS1.A Structure and properties of matter PS2.B Types of interactions: PS3.D Energy in chemical processes and everyday life ESS1.A The universe and its stars ESS1.B Earth and the solar system ESS2.A Earth materials and systems ESS3.C Human impacts on Earth systems	5.RI.4 Determine the meaning of general academic and domain-specific words and phrases in a text relevant to a grade 5 topic or subject area	5.W.2 Write informative/explanatory texts to examine a topic and convey ideas and information clearly	5.SL.1a Come to discussions prepared, having read or studied required material; explicitly draw on that preparation and other information known about the topic to explore ideas under discussion	5.L.3a Expand, combine, and reduce sentences for meaning, reader/listener interest, and style

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<p>De cazadores y recolectores a agricultores esboza la historia de la colonización de América del Norte, desde los primeros pobladores, hasta los indígenas norteamericanos y los colonizadores europeos. Describe las formas en que estos grupos obtenían alimento y cómo se adaptaron y cambiaron para ajustarse al medioambiente. El libro examina también el impacto que estos diferentes grupos han tenido en el medioambiente.</p>	V (50)	<p>ESS3.C Human impacts on Earth systems: ETS1.A Defining and delimiting engineering problems ETS1.B Developing possible solutions: ETS1.C Optimizing the design solution:</p>	5.RI.4 Determine the meaning of general academic and domain-specific words and phrases in a text relevant to a grade 5 topic or subject area	5.W.7 Conduct short research projects that use several sources to build knowledge through investigation of different aspects of a topic	5.SL.4 Report on a topic or text or present an opinion, sequencing ideas logically and using appropriate facts and relevant, descriptive details to support main ideas or themes; speak clearly at an understandable pace	5.L.6 Acquire and use accurately grade-appropriate general academic and domain-specific words and phrases, including those that signal contrast, addition, and other logical relationships
<p>Cuando el agua da forma a la tierra explica la manera en que el agua de los ríos y de los glaciares crea y cambia accidentes geográficos como cañones, barrancos, acantilados y desfiladeros. Plantea el hecho de que el agua es un recurso valioso que se debe conservar, además informa sobre las diferentes estrategias de la gente para lograrlo.</p>	V (50)	<p>ESS2.A Earth materials and systems ESS2.C The roles of water in Earth's surface processes ESS3.C Human impacts on Earth systems</p>	5.RI.4 Determine the meaning of general academic and domain-specific words and phrases in a text relevant to a grade 5 topic or subject area.	5.W.1 Write opinion pieces on topics or texts, supporting a point of view with reasons and information.	5.SL.1c Pose and respond to specific questions by making comments that contribute to the discussion and elaborate on the remarks of others.	5.L.6 Acquire and use accurately grade-appropriate general academic and domain-specific words and phrases, including those that signal contrast, addition, and other logical relationships.

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<p>Salvemos el río Amazonas explica por qué la región del Amazonas es considerada un lugar tan especial e importante. Examina las plantas y animales que viven aquí y cómo la salud de esta zona es vital para la salud de todo el planeta. El libro da una idea de las cosas que están amenazando destruir este medioambiente único y valioso y comenta lo que la gente está haciendo para tratar de salvarlo.</p>	V (50)	<p>LS1.C Organization for matter and energy flow in organisms LS2.A Interdependent relationships in ecosystems LS2.B Cycles of matter and energy transfer in ecosystems ESS2.A Earth materials and systems ESS3.C Human impacts on Earth systems</p>	5.RI.2 Determine two or more main ideas of a text and explain how they are supported by key details; summarize the text.	5.W.4 Produce clear and coherent writing in which the development and organization are appropriate to task, purpose, and audience.	5.SL.1c Pose and respond to specific questions by making comments that contribute to the discussion and elaborate on the remarks of others.	5.L.6 Acquire and use accurately grade-appropriate general academic and domain-specific words and phrases, including those that signal contrast, addition, and other logical relationships.
<p>Los detectives del tiempo explora la historia larga y diversa de la vida humana en la Tierra y traza el papel de los paleontólogos y arqueólogos para descubrir sobre el pasado, y también contiene información de sociedades y culturas antiguas.</p>	V (50)	<p>LS2.A Interdependent relationships in ecosystems ETS1.A Defining and delimiting engineering problems ETS1.B Developing possible solutions ETS1.C Optimizing the design solution</p>	5.RI.2 Determine two or more main ideas of a text and explain how they are supported by key details; summarize the text.	5.W.2 Write informative/explanatory texts to examine a topic and convey ideas and information clearly.	5.SL.1c Pose and respond to specific questions by making comments that contribute to the discussion and elaborate on the remarks of others.	5.L.4a Use context as a clue to the meaning of a word or phrase.