Recommendation for Adoption
5th-8th Grade Science Curriculum Resources

Rationale:
A new science resource for 5th through 8th grade will provide the following advantages for teachers and students.

- Updated content with real-world applications.
- Hands-on and digital learning experiences for students.
- A comprehensive scope and sequence to develop critical thinking skills.

Recommendation:
Amplify Science is recommended for adoption as our 5th through 8th grade science resource. The following features of the program stand out as key reasons for our recommendation.

- Online platform is user friendly for teachers and students
- Digital simulations help students understand the science concepts
- Real-world connections to careers in science
- Data collection and analysis using critical thinking skills
- Rigorous content and learning experiences

Process:
In order to arrive at this recommendation, our science team engaged in the following process throughout the 2024-2025 school year.

- The science team met in September to review the adoption process, to review potential resources, and to select resources for vendor presentations.
- In November, the science team engaged in vendor presentations from *Amplify Science* and *HMH Into Science*. The team selected *Amplify Science* to field test with students.
- In January, *Amplify Science* provided professional development for the field test and the teachers had time to plan for their field test units. The field test with students took place February - March.
- In April, the team met to complete the resource evaluation rubric and make their recommendation.

Cost Summary:

- Recommendation for purchase *Amplify Science* for grades 5-8 for 3 years.
- Includes the following:
    - Teacher and student digital access
    - Print teacher materials
    - Consumable student notebooks
    - Classroom kits with manipulatives and hands-on activity materials

Resource Materials

Resource	Total Cost
Amplify Science -Grade 5 Science	$70,233.19

-Grade 6 Earth and Space Science -Grade 7 Life Science -Grade 8 Physical Science	

Committee Members / Teachers:

Jordan Larson	Upper Elementary	5th Grade
Kelly Swanson	Upper Elementary	6th Grade
Kate Doering	Middle School	7th Grade

Attachments:

- Quote
- Resource Rubric

Amplify.

Price Quote

Amplify

55 Washington Street, Suite 800
Brooklyn, NY 11201
Phone: (800) 823-1969
Fax: (646) 403-4700

Quote #:	Q-514360-1
Date:	4/7/2025
Expires On:	7/1/2025
Delivery Service Level:	Standard

Customer Contact Information
Kari Neri
North Boone Cmty Unit Sd 200
8157653322
kneri@nbcusd.org

Amplify Contact Information
Erin Williams
Account Executive - IL/MO
erwilliams@amplify.com

5 YR teacher digital
3 YR student digital
3 YR student print

Grade 5

PRODUCT	PRICE	QUANTITY FREE	QUANTITY CHARGE	TOTAL DISCOUNT	TOTAL PRICE
Amplify Science G5 Dig Exp Teacher License - 5yr (2025-2030)	$460.00	2	0	$920.00	$0.00
Amplify Science G5 Dig Exp Student License - 3yr (2025-2028)	$68.00	36	74	$2,448.00	$5,032.00
Amplify Science G5 Kits	$3,115.00	0	1	$0.00	$3,115.00
Amplify Science G5 Student Investigation NB Set	$35.88	0	110	$594.00	$3,352.80
Amplify Science G5 Teacher Guide Set	$180.00	1	1	$180.00	$180.00
TOTAL				$4,142.00	$11,679.80

Grade 6

PRODUCT	PRICE	QUANTITY FREE	QUANTITY CHARGE	TOTAL DISCOUNT	TOTAL PRICE
Amplify Science MS Earth Science Teacher License - 5yr (2025-2030)	$0.00	0	2	$0.00	$0.00
Amplify Science Full Year Earth Science Course - LICENSE - UPFRONT - 3yr (2025-2028)	$63.00	0	95	$0.00	$5,985.00
Amplify Science MS Earth & Space Science Kits	$3,480.00	0	1	$0.00	$3,480.00
Amplify Science MS Earth & Space Science Student Investigation NB Set	$80.73	0	95	$1,154.25	$6,515.10

PRODUCT	PRICE	QUANTITY FREE	QUANTITY CHARGE	TOTAL DISCOUNT	TOTAL PRICE
Amplify Science MS Earth & Space Science Teacher Guide Set	$300.00	1	1	$300.00	$300.00
TOTAL				$1,454.25	$16,280.10

Grade 7

PRODUCT	PRICE	QUANTITY FREE	QUANTITY CHARGE	TOTAL DISCOUNT	TOTAL PRICE
Amplify Science MS Life Science Teacher License - 5yr (2025-2030)	$0.00	0	2	$0.00	$0.00
Amplify Science Full Year Life Science Course - LICENSE - UPFRONT - 3yr (2025-2028)	$63.00	0	105	$0.00	$6,615.00
Amplify Science MS Life Science Kits	$2,219.00	0	1	$0.00	$2,219.00
Amplify Science MS Life Science Student Investigation NB Set	$80.73	0	105	$1,275.75	$7,200.90
Amplify Science MS Life Science Teacher Guide Set	$300.00	1	1	$300.00	$300.00
TOTAL				$1,575.75	$16,334.90

Grade 8

PRODUCT	PRICE	QUANTITY FREE	QUANTITY CHARGE	TOTAL DISCOUNT	TOTAL PRICE
Amplify Science MS Physical Science Teacher License - 5yr (2025-2030)	$0.00	0	2	$0.00	$0.00
Amplify Science Full Year Physical Science Course - LICENSE - UPFRONT - 3yr (2025-2028)	$63.00	0	115	$0.00	$7,245.00
Amplify Science MS Physical Science Kits	$4,005.00	0	1	$0.00	$4,005.00
Amplify Science MS Physical Science Student Investigation NB Set	$80.73	0	115	$1,397.25	$7,886.70
Amplify Science MS Physical Science Teacher Guide Set	$300.00	1	1	$300.00	$300.00
TOTAL				$1,697.25	$19,436.70

Shipping & Handling

SHIPPING AND HANDLING	DELIVERY SERVICE LEVEL	SHIPPING COST	TOTAL DISCOUNT	TOTAL PRICE
Amplify Shipping and Handling	Standard	$6,501.69	$0.00	$6,501.69

TOTAL DISCOUNT	$8,869.25
GRAND TOTAL	$70,233.19

Scope and Duration

Payment Terms:

- This Price Quote (including all pricing and other terms) is valid through Quote Expiration Date stated above.
- Payment terms: net 30 days.
- Prices do not include sales tax, if applicable.
- Pricing terms in the Price Quote are based on the scope of purchase and other terms herein.
- The Federal Tax ID # for Amplify Education, Inc. is 13-4125483. A copy of Amplify's W-9 can be found at: http://www.amplify.com/w-9.pdf

License and Services Term:

- Licenses: 07/01/2025 until 06/30/2030.
- Services: 18 months from order date. Unless otherwise stated above, all training and other services purchased must be scheduled and delivered within such term or will be forfeited.

Special Terms:

- FOR SHIPPED MATERIALS:
  - Expedited shipping is available at extra charge.
  - Print materials and kits are non-returnable and non-refundable, except in the case of defective or missing materials reported by Customer within 60 days of receipt.
- FOR SERVICES:
  - Training and professional development sessions cancelled with less than one week notice will be deemed delivered.

Quote Special Terms

Free-with-Order Science Teacher Guides
Please note that the above pricing reflects the availability of free-with-order print teacher guides in proportion to the purchase of licenses, materials kits, and print student investigation notebooks for entire classroom.

Multi Year Discount Applied
Please note that the pricing above includes multi year discounts for an upfront purchase. List prices on a single year purchase may reflect a different pricing structure. For additional information on the multi year pricing structure, please contact your Account Executive.

Science Dig Exp Included with Kit
Please note that the above pricing reflects the receipt of a class set of 36 Student Digital Experience Licenses, included with every purchase of a grade level set of K-5 Science Kits.

How to Order Our Products

Amplify would like to process your order as quickly as possible. Please visit **amplify.com/ordering-support** to find all the information you need for submitting your order. We accept the following forms of payment: purchase orders, checks, and credit card payments (Visa, MasterCard, Discover and American Express). In order for us to assist you, please help us by following these instructions:
Please include these three documents with your order:

- Authorized purchase order or check
- A copy of your Price Quote
- A copy of your Tax-Exemption Certificate

If submitting a purchase order:
To expedite your order, please visit **amplify.com/ordering-support** where you can submit your signed purchase order. You can also email a purchase order to **IncomingPO@amplify.com** or fax it to (646) 403-4700. Purchase Orders can also be mailed to our Order Management Department at the address below.

If submitting your order via credit card:

- Please email Accountsreceivable@amplify.com to request a secure credit card payment link

If submitting your order via sending a check:

- Please mail your documents directly to our Order Management Department and notify your sales representative of the check number and check amount.
- Please note that mailing a check can add up to two weeks of processing time for your order. For faster processing of your order, please submit your order via Purchase Order or Credit Card Authorization Form.

The information requested above is essential to ensure the smooth completion of your order with Amplify. Failure to submit documents will prevent your order from processing.

Our Order Management Department is located at 55 Washington Street, Suite 800, Brooklyn, NY 11201. Please note that mailing any documents can result in delays of up to two weeks. **For faster processing of your order, we recommend you submit a purchase order via our website: amplify.com/ordering-support.**

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5. Payments. In consideration of the Products, Customer will pay to Amplify (or other party designated on the Quote) the fees specified in the Quote in full within 30 days of the date of invoice, except as otherwise agreed by the parties or for those amounts that are subject to a good faith dispute of which Customer has notified Amplify in writing. Customer will be responsible for all state or local sales, use or gross receipts taxes, and federal excise taxes unless Customer provides a then-current tax exemption certificate in advance of the delivery, license, or performance of any Product, as applicable.

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We are delighted to work with you and we thank you for your order!

Resource Evaluation Rubric - Science
Grades 5-8

		RATING SCALE: 3 = Proficient / Meets criteria / multiple examples or evidence 2 = Basic / Partially Meets / few examples or evidence 1 = Below Basic / Barely meets / minimal evidence 0 = No evidence of component
Curriculum Components		
Descriptor	**Evidence/Notes**	**Rating**
Curriculum is developmentally appropriate for learners and includes varying and appropriate modes of teaching and learning (inquiry-based for science).	-Units have a storyline and students take on a role related to the unit (an astronomer, a meteorologist, etc) -direct teaching materials (presentations) -simulations for students to use -groups students based on skill level -focuses on student collaboration -integrates math and ELA skills	3 2 1 0
Curriculum clearly denotes the learning standards that are addressed.	-each unit and individual lesson provides specific learning standards addressed, including cross-curricular -breaks standards down into practices and concepts	3 2 1 0
Curriculum sufficiently addresses Next Generation Science Standards as needed to meet district and state grade band or course content requirements without additional supplementation.	-resource lists Performance Expectations and standards aligned in each unit, but some standards may only be briefly addressed or mentioned -in the units we piloted, we saw some standards missing that could be incorporated into the unit	3 2 1 0
Curriculum uses scientifically accurate and grade-appropriate scientific information, phenomena, and representation to support students' three-dimensional learning.	-has phenomena listed for all units -information accurate	3 2 1 0
Curriculum includes units and lessons that fit together to target a set of performance expectations.	-we had to do some pre-teaching in grades 6 and 7 in order to make sure students were ready for the unit -within the unit, the lessons progressed and built upon each other	3 2 1 0
Curriculum engages students in authentic and meaningful	-students took on a role related to a career in the field	

Adapted from ISBE Curriculum Evaluation Tool

scenarios that reflect the practice of science and engineering as experienced in the real world (firsthand or through media representations).	-simulations -Flextension at the end of the unit (engineering) -readings correlated to real-world	3 2 1 0
All curriculum materials include a balance of representation of people with multiple perspectives and identities (e.g., racial / ethnic, physical or cognitive ability status, gender, spiritual orientations).	Representation found in: -5th grade reader books -videos -storylines	3 2 1 0
Curriculum provides multiple ways for students of different ability and knowledge or skill levels to engage.	-groups students based on skill-level -is writing heavy, so that was difficult for some of our struggling students -high-rigor of questions, difficult for some of our struggling students -teachers had to make these modifications on their own	3 2 1 0
Curriculum provides ancillary resources to support scaffolding for remediation and enrichment.	-did not find reteaching or enrichment resources	3 2 1 0
Curriculum includes student tasks that are appropriately sophisticated and complex.	-rigorous tasks and activities	3 2 1 0
Curriculum provides appropriate support, accommodations, and/or modifications for numerous special populations that will support their regular and active participation in learning (e.g., bilingual, English learners, IEP/504 accommodations, advanced learners).	-gives suggestions for differentiation or overall strategies, but doesn't provide something specific for the unit or topic	3 2 1 0
Curriculum was vetted against more in-depth content-specific tools (e.g., Ed Reports Rubrics, Equip Rubrics)	-Yes, full meets criteria on Ed Reports	3 2 1 0
Curriculum provides supports for teachers in planning and learning experiences to help guide students' learning progressions.	-notes, scripts, videos for teachers to use in their planning -resources with screencasts for entire lessons	3 2 1 0
Hands-on Learning / Manipulatives		
Curriculum provides lab / hands-on opportunities that are relevant and engaging.	-kits provided with materials, but not as hands-on as we had hoped -not always engaging for the students	3 2 1 0
Curriculum provides manipulatives and supplies that are	-list of provided materials and teacher-provided materials	3 2 1 0

Adapted from ISBE Curriculum Evaluation Tool

useful and relevant.	-not always as useful because of lack of engagement	
Curriculum provides virtual labs / experiences that are relevant and engaging.	-simulations used multiple times in new ways through the units -student feedback: liked the simulations	3 2 1 0
Assessment Components		
Descriptor	**Evidence/Notes**	**Rating**
Learning targets and benchmarks are clearly identified in assessments.	-5th grade was clear. Questions clearly connected to learning goals of the unit. -6th/7th grade the correlation and rubric provided for scoring was confusing for teachers. Overall, the assessment connected to the learning goals of the unit.	3 2 1 0
Curriculum includes multiple opportunities for the collection of student growth data (e.g., pre-assessments, formative assessments, summative assessments, self-assessments)	-has pre, mid, and post assessment -has student self assessments and they can rate themselves	3 2 1 0
Guidance is provided on the use of assessment data to drive the development of tiered supports.	-after the pre-assessment, the students can be put into groups based on the data -Flextension is available for advanced kids -No other activities or uses of data if students need intervention after post assessment	3 2 1 0
Assessments are aligned to the Next Generation Science Standards and applicable to meet district and state grade band or course requirements.	-Yes, aligned	3 2 1 0
Assessments reflect the depth and complexity of the DCIs, the Cross-Cutting Concepts, and the Science and Engineering Practices.	-Yes, all three are represented	3 2 1 0
Digital Learning Considerations		
Descriptor	**Evidence/Notes**	**Rating**
Curriculum provides educators supports and adaptations for lesson planning to implement for instruction in a digital learning environment.	-editable materials for teaching -online platform for online teaching and assigning	3 2 1 0
Curriculum provides learner resources that are easily	-videos for student use	3 2 1 0

Adapted from ISBE Curriculum Evaluation Tool

adaptable or ready for a digital learning environment.	-student resource is in print and in digital -text can be read to students through online platform	
Curriculum provides parent or facilitator support and guidance for digital learning.	-no site or access specific for parents to use at home	3 2 1 0

Completed by Pilot Teachers:
Kate Doering
Jordan Larson
Kelly Swanson

Adapted from ISBE Curriculum Evaluation Tool