

# Unit Guide resources

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Once a unit is selected, select **JUMP DOWN TO UNIT GUIDE** in order to access all unit-level resources in an Amplify Science unit.

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## Planning for the unit

<b>Unit Overview</b>	Describes what's in each unit, the rationale, and how students learn across chapters
<b>Unit Map</b>	Provides an overview of what students figure out in each chapter, and how they figure it out
<b>Progress Build</b>	Explains the learning progression of ideas students figure out in the unit
<b>Getting Ready To Teach</b>	Provides tips for effectively preparing to teach and teaching the unit in your classroom
<b>Materials and Preparation</b>	Lists materials included in the unit's kit, items to be provided by the teacher, and briefly outlines preparation requirements for each lesson
<b>Science Background</b>	Adult-level primer on the science content students figure out in the unit
<b>Standards at a Glance</b>	Lists NGSS Standards (Performance Expectations, Science and Engineering Practices, Disciplinary Core Ideas, and Crosscutting Concepts), Common Core State Standards for English Language Arts, and Common Core State Standards for Mathematics

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## Teacher references

<b>Lesson Overview Compilation</b>	Lesson Overview of each lesson in the unit, including lesson summary, activity purposes, and timing
<b>Standards and Goals</b>	Lists NGSS (Science and Engineering Practices, Disciplinary Core Ideas, and Crosscutting Concepts) and CCSS (English Language Arts and Mathematics) standards in the unit, explains how the standards are reached
<b>3-D Statements</b>	Describes 3-D learning across the unit, chapters, and in individual lessons
<b>Assessment System</b>	Describes components of the Amplify Science assessment system, identifies each 3-D assessment opportunity in the unit
<b>Embedded Formative Assessments</b>	Includes full text of formative assessments in the unit
<b>Articles in This Unit</b>	Summarizes each unit text and explains how the text supports instruction
<b>Apps in This Unit</b>	Outlines functionality of digital tools and how students use them (in grades 6-8)
<b>Flexextensions in This Unit</b>	Summarizes information about the Hands-On Flexextension lesson(s) in the unit

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## Printable resources

<b>Coherence Flowcharts</b>	Visual representation of the storyline of the unit
<b>Copymaster Compilation</b>	Compilation of all copymasters for the teacher to print and copy throughout the unit
<b>Flexextension Compilation</b>	Compilation of all copymasters for Hands-on Flexextension lessons throughout the unit
<b>Investigation Notebook</b>	Digital version of the Investigation Notebook, for copying and projecting
<b>Multi-Language Glossary</b>	Unit vocabulary words in 10 languages
<b>NGSS Information for Parents and Guardians</b>	Information for parents about the NGSS and the shifts for teaching and learning
<b>Print Materials (8.5" x 11")</b>	Digital compilation of printed cards (i.e. vocabulary cards, student card sets) provided in the kit
<b>Print Materials (11" x 17")</b>	Digital compilation of printed Chapter Questions and Key Concepts provided in the kit