

Accessing the Unit Materials

The main page for each unit has many shortcuts for finding things. From here you can:

- Download or preview the unit
- Access the storyline
- Access the videos for the unit (student-facing and teacher prep)
- Find kit content lists and information about kit providers
- Access simulations
- Find quick references to information about the unit

The screenshot shows the 'Unit Overview' page for the '8.1 Contact Forces' unit. At the top, there is a navigation bar with links for 'Why OpenSciEd', 'Curriculum', 'Professional Learning', 'Purchase', 'Support', and a search bar. The main title '8.1 Contact Forces' is displayed in a large, bold, dark blue font. Below the title is a question: 'Why do things sometimes get damaged when they hit each other?'. To the right of the question is a circular image showing a hand holding a smartphone that has fallen and is hitting a surface. Below the title and image, there is a breadcrumb navigation: 'Middle School Instructional Materials > 8.1 Contact Forces'. The 'Unit Summary' section follows, containing a paragraph about dropping phones and investigating collisions. Below this is a 'Student Questions' section with text about engineering solutions for collisions. At the bottom of the summary section are buttons for 'Student Videos', 'Teacher Videos', and 'Unit Webinar'. To the right of the summary, there is a 'edreports' logo with the text 'READ THE REPORT REVIEW YEAR 2023', a 'Download This Unit' button, a 'Unit Storyline' button, and a 'Unit standards' section. A large blue arrow points from the 'Unit Storyline' button towards the 'Unit standards' section. The 'Unit standards' section lists NGSS Performance Expectations: MS-PS2-1, MS-PS2-2, MS-PS3-1, MS-LS1-8, MS-ETS1-2, and MS-ETS1-3. Below this is a 'Reference to kit materials' section with the text: 'The OpenSciEd units are designed'. A large blue arrow points from the 'Unit Storyline' button towards the 'Unit standards' section.



OpenSciEd units can be downloaded for free in several formats. Downloading with Google allows syncing with Google Classroom and easy editing of documents. Downloading with PDF provides the most polished formatting. Errata and updates for the OpenSciEd materials are provided on this [spreadsheet](#). Users can access these updates by downloading a new copy of the unit.



Using Google Versions

- [Preview the Unit in Google Drive](#) >
- [Copy the Unit to Your Google Drive](#) >
- [Create a Google Classroom Version](#) >



Using PDF Versions

- [Download Print-Ready PDFs](#) >
- [Download Screen-Ready PDFs](#) >

In the Google Versions, you can:

- Preview each lesson and documents without making copies.
- Make copies into your Google Classroom for assigning to students.
- And soon, download the whole unit into your Google Drive.

In the PDF Versions, you can preview the entire teacher edition:

- Print-ready → for printing purposes
- Screen-ready → for e-reading purposes



Navigating OpenSciEd's Google Drive Folders

Each Unit folder has a subfolder for each lesson, and at the bottom, several files that are not specific to a particular lesson, but that are more general to the unit/curriculum. Definitely take a look at the Unit Overview Materials (the storyline and assessment system are here, along with things you'll need for the big-picture view). There is also a .pdf with all of the video links collected into one place. There is a bunch of useful material in the main folder, don't overlook it!

Shared with me > OpenSciEd Unit 8.1 Cont... ▾

File type ▾ People ▾ Last modified ▾

Name	Owner	Last modified	File size
Lesson 1 - 8.1 Contact Forces	OpenSciEd Account	Feb 4, 2021	OpenSciEd Acc... —
Lesson 2 - 8.1 Contact Forces	OpenSciEd Account	Feb 4, 2021	OpenSciEd Acc... —
Lesson 3 - 8.1 Contact Forces	OpenSciEd Account	Feb 4, 2021	OpenSciEd Acc... —
Lesson 4 - 8.1 Contact Forces	OpenSciEd Account	Feb 4, 2021	OpenSciEd Acc... —
Lesson 5 - 8.1 Contact Forces	OpenSciEd Account	Feb 4, 2021	OpenSciEd Acc... —
Lesson 6 - 8.1 Contact Forces	OpenSciEd Account	Feb 4, 2021	OpenSciEd Acc... —
Lesson 7 - 8.1 Contact Forces	OpenSciEd Account	Feb 4, 2021	OpenSciEd Acc... —
Lesson 8 - 8.1 Contact Forces	OpenSciEd Account	Feb 4, 2021	OpenSciEd Acc... —
Lesson 9 - 8.1 Contact Forces	OpenSciEd Account	Feb 4, 2021	OpenSciEd Acc... —
Lesson 10 - 8.1 Contact Forces	OpenSciEd Account	Feb 4, 2021	OpenSciEd Acc... —
Lesson 11 - 8.1 Contact Forces	OpenSciEd Account	Feb 4, 2021	OpenSciEd Acc... —
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Lesson 13 - 8.1 Contact Forces	OpenSciEd Account	Feb 4, 2021	OpenSciEd Acc... —

Lesson 14 - 8.1 Contact Forces	OpenSciEd A...	Feb 4, 2021	—
Lesson 15 - 8.1 Contact Forces	OpenSciEd A...	Feb 4, 2021	—
Lesson 16 - 8.1 Contact Forces	OpenSciEd A...	Feb 4, 2021	—
8.1 Contact Forces Unit Overview Materials	OpenSciEd A...	May 13, 2023	4.7 MB
8.1 Elements of NGSS Dimensions.pdf	OpenSciEd A...	May 13, 2023	235 KB
Communicating in Scientific Ways Poster - Spanish.pdf	OpenSciEd A...	May 13, 2023	409 KB
Communicating in Scientific Ways Poster.pdf	OpenSciEd A...	May 13, 2023	137 KB
Middle School Kit Materials Lists.pdf	OpenSciEd A...	May 13, 2023	64 KB
Middle School Program Overview.pdf	OpenSciEd A...	May 13, 2023	21.9 MB
Middle School Scope & Sequence.pdf	OpenSciEd A...	May 13, 2023	1.1 MB
Self Evaluation Classroom Discussion.pdf	OpenSciEd A...	May 13, 2023	94 KB
Teacher Handbook 2022-16.pdf	OpenSciEd A...	May 13, 2023	6.6 MB
Unit 8.1 Contact Forces Video Links.pdf	OpenSciEd A...	May 13, 2023	63 KB



Inside the lesson folders you'll find:

- The teacher edition for that lesson
- Student-facing slides for that lesson
- Student handouts, readings, and resources
- Spanish translations

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Name	Owner	Last modified	File size
8.1 Lección 1 Folleto Interacciones de objetos	OpenSciEd Account	Jun 27, 2022	OpenSciEd Acco... 3 KB
8.1 Lección 1 Folleto Modelo inicial objetos	OpenSciEd Account	Jun 27, 2022	OpenSciEd Acco... 3 KB
8.1 Lección 1 Folleto Normas para la	OpenSciEd Account	Jun 27, 2022	OpenSciEd Acco... 3 KB
8.1 Lesson 1 Handout Initial Model Objects	OpenSciEd Account	Jun 27, 2022	OpenSciEd Acco... 3 KB
8.1 Lesson 1 Handout Object Interactions During	OpenSciEd Account	Jun 27, 2022	OpenSciEd Acco... 3 KB
8.1 Lesson 1 Handout Science Classroom Norms	OpenSciEd Account	Jun 27, 2022	OpenSciEd Acco... 3 KB
8.1 Lesson 1 Slides	OpenSciEd Account	Jun 27, 2022	OpenSciEd Acco... 1.4 MB
8.1 Lesson 1 Student Procedure	OpenSciEd Account	Jun 27, 2022	OpenSciEd Acco... 71 KB
8.1 Lesson 1 Student Procedure in Spanish	OpenSciEd Account	Jun 27, 2022	OpenSciEd Acco... 71 KB
8.1 Lesson 1 Teacher Edition	OpenSciEd Account	Jun 27, 2022	OpenSciEd Acco... 1 MB

