



## [6th Grade Science] August-October

[Unit Title]	[Standards]	[Materials and Resources]
Science Lab Safety	*Required for Science Lab Participation*	<a href="https://www.thinkinglink.com/scene/586220355937370115">https://www.thinkinglink.com/scene/586220355937370115</a> <a href="https://sciencespot.net/Media/scimthdsafety.pdf">https://sciencespot.net/Media/scimthdsafety.pdf</a> <a href="#">General Lab Safety</a> <a href="https://youtu.be/tsAHt0FiwNM">https://youtu.be/tsAHt0FiwNM</a> <a href="https://www.youtube.com/watch?v=XYbOSmYme6Y&amp;t=10s&amp;ab_channel=cameronlowe">https://www.youtube.com/watch?v=XYbOSmYme6Y&amp;t=10s&amp;ab_channel=cameronlowe</a> <a href="https://www.youtube.com/watch?v=tsAHt0FiwNM">https://www.youtube.com/watch?v=tsAHt0FiwNM</a> <a href="https://www.youtube.com/watch?v=MEIXRLcC6RA">https://www.youtube.com/watch?v=MEIXRLcC6RA</a> <a href="https://www.youtube.com/watch?v=xJG0ir9nDtc">https://www.youtube.com/watch?v=xJG0ir9nDtc</a> <a href="https://www.youtube.com/watch?v=N0_QqLVUDkvA">https://www.youtube.com/watch?v=N0_QqLVUDkvA</a> <a href="#">Safety/Kesler%20LabSafetyEscapeRoom -200423-174302.pdf</a>
Unit 1: Astronomy	S6E1, S6E2	- <a href="https://www.kidsnews.com.au/space">https://www.kidsnews.com.au/space</a> - <a href="https://www.timeforkids.com/g56/topics/space/">https://www.timeforkids.com/g56/topics/space/</a> - <a href="https://kids.frontiersin.org/articles/astronomy-and-physics">https://kids.frontiersin.org/articles/astronomy-and-physics</a> (ARTICLES REVIEWED BY KIDS) <a href="https://youtu.be/lnall7eVQsQ">https://youtu.be/lnall7eVQsQ</a> <a href="https://solarsystem.nasa.gov/">https://solarsystem.nasa.gov/</a>

		<p><a href="https://www.esa.int/kids/en/home">https://www.esa.int/kids/en/home</a></p> <p><a href="https://app.legendsoflearning.com/login/students/you_have_an_account">https://app.legendsoflearning.com/login/students/you_have_an_account</a></p> <p><a href="http://kidsahead.com/subjects/12-space/articles">http://kidsahead.com/subjects/12-space/articles</a></p> <p><a href="https://www.gavirtuallearning.org/Resources/Shared-Landing-Page">https://www.gavirtuallearning.org/Resources/Shared-Landing-Page</a></p> <p><a href="https://gavirtualpd.catalog.instructure.com/">https://gavirtualpd.catalog.instructure.com/</a></p> <p><a href="https://mynasadata.larc.nasa.gov/basic-page/about-atmosphere-background-information">https://mynasadata.larc.nasa.gov/basic-page/about-atmosphere-background-information</a></p> <p><a href="https://www.esa.int/kids/en/teachers">https://www.esa.int/kids/en/teachers</a></p> <p><a href="https://www.factmonster.com/math-science/space">https://www.factmonster.com/math-science/space</a></p> <p><a href="https://lessons.keslerscience.com/users/sign_in">https://lessons.keslerscience.com/users/sign_in</a></p> <p><a href="https://theconversation.com/curious-kids-what-started-the-big-bang-79845">https://theconversation.com/curious-kids-what-started-the-big-bang-79845</a></p> <p><a href="https://www.esa.int/kids/n/learn/Our_Universe/Story_of_the_Universe/The_Universe">https://www.esa.int/kids/n/learn/Our_Universe/Story_of_the_Universe/The_Universe</a></p> <p><a href="https://thekidshouldseethis.com/post/47559191865">https://thekidshouldseethis.com/post/47559191865</a></p> <p><a href="https://svs.gsfc.nasa.gov/12656">https://svs.gsfc.nasa.gov/12656</a></p> <p><a href="https://wonderopolis.org/wonder/how-did-earth-begin%20">https://wonderopolis.org/wonder/how-did-earth-begin%20</a></p> <p><a href="https://www.ouruniverseforkids.com/">https://www.ouruniverseforkids.com/</a></p> <p><a href="https://gpb.pbslearningmedia.org/resource/ess05.sci.ess.eiu.microwave/evidence-for-the-big-bang-theory-video">https://gpb.pbslearningmedia.org/resource/ess05.sci.ess.eiu.microwave/evidence-for-the-big-bang-theory-video</a></p> <p><a href="https://gpb.pbslearningmedia.org/resource/phy03.sci">https://gpb.pbslearningmedia.org/resource/phy03.sci</a></p>
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[https://www.space.com/geocentric - model](https://www.space.com/geocentric-model)  
[https://www.youtube.com/watch?v=XZ\\_WeTGCU9o&t=154s](https://www.youtube.com/watch?v=XZ_WeTGCU9o&t=154s)  
[https://www.youtube.com/watch?v=TnuAcACv2 - E&ab\\_channel=Whatl](https://www.youtube.com/watch?v=TnuAcACv2 - E&ab_channel=Whatl)  
[https://nightsky.jpl.nasa.gov/news - display.cfm?News\\_ID=573](https://nightsky.jpl.nasa.gov/news - display.cfm?News_ID=573)  
<https://youtu.be/Lf4EDcjMtmw - Webb Telescope>  
[https://www.youtube.com/watch?v=RQ7MAPeC0Lc&ab\\_channel=MooMooMathandScience](https://www.youtube.com/watch?v=RQ7MAPeC0Lc&ab_channel=MooMooMathandScience)  
**MILKY WAY**  
<https://www.amnh.org/ex>

		<p><a href="https://solarsystem.nasa.gov/resources/285/the-milky-way-galaxy/">plore/ology/astronomy/the-milky-way-galaxy2</a> <a href="https://solarsystem.nasa.gov/resources/285/the-milky-way-galaxy/">https://solarsystem.nasa.gov/resources/285/the-milky-way-galaxy/</a> - <a href="https://www.youtube.com/watch?v=P6cw5Yv-zqU&amp;t=14s">https://www.youtube.com/watch?v=P6cw5Yv-zqU&amp;t=14s</a> <a href="https://www.youtube.com/watch?v=dvd47rMYia0&amp;t=6s&amp;ab_channel=Astronimate">https://www.youtube.com/watch?v=dvd47rMYia0&amp;t=6s&amp;ab_channel=Astronimate</a> <a href="https://www.nisenet.org/asteroids">https://www.nisenet.org/asteroids</a> <a href="https://www.youtube.com/watch?v=xYOPnqB-9j8&amp;t=15s">https://www.youtube.com/watch?v=xYOPnqB-9j8&amp;t=15s</a> <a href="https://www.youtube.com/watch?v=vgsi4qEo_Cl&amp;feature=emb_logo">https://www.youtube.com/watch?v=vgsi4qEo_Cl&amp;feature=emb_logo</a> <a href="https://docs.google.com/document/d/1_BxBWp_dnG74MdxsjyogFF1h6zDbAaAvQ7Jgme431d8/edit">https://docs.google.com/document/d/1_BxBWp_dnG74MdxsjyogFF1h6zDbAaAvQ7Jgme431d8/edit</a> <a href="https://www.youtube.com/watch?v=dvd47rMYia0">https://www.youtube.com/watch?v=dvd47rMYia0</a> <a href="https://www.youtube.com/watch?v=dvd47rMYia0&amp;t=2s">https://www.youtube.com/watch?v=dvd47rMYia0&amp;t=2s</a> <a href="https://www.amsmeteors.org/meteor-showers/2020-meteor-shower-list/">https://www.amsmeteors.org/meteor-showers/2020-meteor-shower-list/</a> <a href="https://www.diffen.com/difference/Asteroid_vs_Comet">https://www.diffen.com/difference/Asteroid_vs_Comet</a> <a href="https://spaceplace.nasa.gov/">https://spaceplace.nasa.gov/</a> <a href="https://www.youtube.com/watch?v=WYeFqSjvGaY&amp;t=12s">https://www.youtube.com/watch?v=WYeFqSjvGaY&amp;t=12s</a> <a href="https://starchild.gsfc.nasa.gov/docs/StarChild/solar_system_level1/solar_system.html">https://starchild.gsfc.nasa.gov/docs/StarChild/solar_system_level1/solar_system.html</a></p>
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		<p><a href="https://www.factmonster.com/math-science/space/solar-system">https://www.factmonster.com/math-science/space/solar-system</a></p> <p><a href="https://nineplanets.org/">https://nineplanets.org/</a></p> <p><a href="https://solarsystem.nasa.gov/planets/overview/">https://solarsystem.nasa.gov/planets/overview/</a></p> <p><a href="https://theplanets.org/planets/">https://theplanets.org/planets/</a></p> <p><a href="https://solarsystem.nasa.gov/resources/681/solar-system-temperatures/">https://solarsystem.nasa.gov/resources/681/solar-system-temperatures/</a></p> <p><a href="https://hubblesite.org/">https://hubblesite.org/</a></p> <p><a href="https://www.youtube.com/watch?v=NWUsfud9PzM">https://www.youtube.com/watch?v=NWUsfud9PzM</a></p> <p><a href="https://www.youtube.com/watch?v=UciCLg8g_4Y">https://www.youtube.com/watch?v=UciCLg8g_4Y</a></p> <p><a href="https://www.youtube.com/watch?v=IDhapt7nw4A">https://www.youtube.com/watch?v=IDhapt7nw4A</a></p> <p><a href="https://www.youtube.com/watch?v=gr7ShbG231U">https://www.youtube.com/watch?v=gr7ShbG231U</a></p> <p><a href="https://youtu.be/mQrlgH97v94">https://youtu.be/mQrlgH97v94</a></p> <p><a href="https://www.factmonster.com/math-science/space/solar-system">https://www.factmonster.com/math-science/space/solar-system</a></p> <p><a href="https://www.youtube.com/watch?v=hz_fc69LdjY">https://www.youtube.com/watch?v=hz_fc69LdjY</a></p> <p><a href="https://www.youtube.com/watch?v=KjZf88aBGe8">https://www.youtube.com/watch?v=KjZf88aBGe8</a></p> <p><a href="https://www.youtube.com/watch?v=63KonRAL6CA">https://www.youtube.com/watch?v=63KonRAL6CA</a></p> <p><a href="https://www.youtube.com/watch?v=VM22MyLaRSs">https://www.youtube.com/watch?v=VM22MyLaRSs</a></p> <p><a href="https://spaceplace.nasa.gov/">https://spaceplace.nasa.gov/</a></p> <p><a href="https://starchild.gsfc.nasa.gov/docs">https://starchild.gsfc.nasa.gov/docs</a></p> <p><a href="https://www.factmonster.com/math-science/space/solar-system">https://www.factmonster.com/math-science/space/solar-system</a></p> <p><a href="https://nineplanets.org/">https://nineplanets.org/</a></p> <p><a href="https://solarsystem.nasa.gov/planets/overview/">https://solarsystem.nasa.gov/planets/overview/</a></p> <p><a href="https://www.exploratorium.edu/ronin/">https://www.exploratorium.edu/ronin/</a></p> <p><a href="https://www.solarsystemscope.com/">https://www.solarsystemscope.com/</a></p> <p><a href="https://simpop.org/solar-system/solar-system.htm">https://simpop.org/solar-system/solar-system.htm</a></p>
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		<p><a href="https://nssdc.gsfc.nasa.gov/planetary/factsheet/planet_table_ratio.html">https://nssdc.gsfc.nasa.gov/planetary/factsheet/planet_table_ratio.html</a></p> <p><a href="https://www.education.psu.edu/asstro801/">https://www.education.psu.edu/asstro801/</a></p> <p><a href="https://solarsystem.nasa.gov/solar-system/overview/">https://solarsystem.nasa.gov/solar-system/overview/</a></p> <p><a href="https://scied.ucar.edu/learning-zone/atmosphere/earths-atmosphere">https://scied.ucar.edu/learning-zone/atmosphere/earths-atmosphere</a></p> <p><a href="https://spaceplace.nasa.gov/how-many-moons/en/">https://spaceplace.nasa.gov/how-many-moons/en/</a></p> <p><a href="https://spaceplace.nasa.gov/menu/solar-system/">https://spaceplace.nasa.gov/menu/solar-system/</a></p> <p><a href="https://www.nationalgeographic.org/activity/planetary-size-and-distance-comparison/">https://www.nationalgeographic.org/activity/planetary-size-and-distance-comparison/</a></p> <p><a href="https://www.lpi.usra.edu/education/explore/solar-system/activities/familyOfPlanets/solarSystem/">https://www.lpi.usra.edu/education/explore/solar-system/activities/familyOfPlanets/solarSystem/</a></p> <p><a href="https://www.elementaryschoolsscience.com/lesson-inner-planets-outer-planets">https://www.elementaryschoolsscience.com/lesson-inner-planets-outer-planets</a></p> <p><a href="https://www.challenger.org/challenger_lessons/destination-mars/">https://www.challenger.org/challenger_lessons/destination-mars/</a></p> <p><a href="http://thesolarsystemwebquest.yolasite.com/">http://thesolarsystemwebquest.yolasite.com/</a></p> <p><a href="https://moon.nasa.gov/moon-in-motion/moon-phases/">https://moon.nasa.gov/moon-in-motion/moon-phases/</a></p> <p><a href="https://eyes.jpl.nasa.gov/eyes-on-eclipse-web-app.html">https://eyes.jpl.nasa.gov/eyes-on-eclipse-web-app.html</a></p> <p><a href="https://www.moonconnection.com/moon_phases.phtml">https://www.moonconnection.com/moon_phases.phtml</a></p> <p><a href="https://www.earthspacelab.com/app/eclipse/">https://www.earthspacelab.com/app/eclipse/</a></p>
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<https://www.youtube.com/watch?v=HYpsSzCcB1E&t=15s>  
[https://sepuplhs.org/middle/iaes/students/simulations/sepup\\_seasons5.html](https://sepuplhs.org/middle/iaes/students/simulations/sepup_seasons5.html)  
<https://youtu.be/422sHZzJe2w>  
<https://youtu.be/NNSt6ZXTno0>  
<https://youtu.be/Pgq0LThW7QA>  
<https://www.youtube.com/watch?v=AQ5vty8f9Xc>  
<https://www.treehugger.com/how-moons-gravity-influences-earth-4863962>  
<https://spacefacts.com/moons/>  
<https://www.nationalgeographic.com/culture/article/140412-moon-faces-brain-culture-space-neurology>  
[https://www.lpi.usra.edu/education/space\\_days/activities/moon/documents/Moon\\_What\\_Do\\_You\\_See.pdf](https://www.lpi.usra.edu/education/space_days/activities/moon/documents/Moon_What_Do_You_See.pdf)  
<https://teaching.betterlesson.com/lesson/645408/the-sun-earth-and-moon-relationship?from=login>  
<https://www.moongiant.com/calendar/>  
<https://www.youtube.com/watch?v=mQrlgH97v94>  
(Planets Song video)

**GENERAL SITES WHERE SEVERAL ARTICLES AND ACTIVITIES WILL BE PULLED FROM:**

- readworks.org
- studyjams.com
- generation genius
- sciencedaily.com



		<ul style="list-style-type: none"><li>- wonderopolis.com</li><li>- livescience.com</li><li>- brainpop.com</li><li>- nasa.gov</li><li>- wizer.me</li><li>- newsela.com</li><li>- mysteryscience</li><li>- nearpod.com/flocabulary</li></ul> videos <ul style="list-style-type: none"><li>- Bill Nye Videos</li><li>- Deck toys</li><li>- myhrw.com</li></ul>

[Content Title]

October-January

[Unit Title]	[Standards]	[Materials and Resources]

**[Content Title]**  
**January-March**

[Unit Title]	[Standards]	[Materials and Resources]

[Content Title]

March-May

[Unit Title]	[Standards]	[Materials and Resources]