



Today's at-home learning theme:

Cell Biology



- Begin with making a superhero to rescue a person and then likewise design a cell to clean an oil spill with this Building with Biology activity by Boston's Museum of Science. This page has everything you need from the printouts to an instructional video: <https://www.nisenet.org/catalog/building-biology-super-organisms>
- Check out this TEDEd video by Lauren Royal-Woods to learn the wacky background of cell theory: <https://www.youtube.com/watch?v=4OpBylwH9DU>
- Enjoy this catchy tune by Hip Science to learn the parts of the cell: <https://www.youtube.com/watch?v=HoeDWba5ds0>
- Learn about cell membranes and nuclei with this Naked egg cell experiment from Steam Powered Family: <https://www.steampoweredfamily.com/activities/naked-egg-cell-study/>
- Make your own plant cell out of cake and candy with this activity from The Organized Homeschooler. Kids can use any food if candy is not available. They must decide what represents each organelle best! <https://www.organizedhomeschooler.com/animal-cell-cake/>
- Pretend you are Leeuwenhoek and create your own microscope with this activity from Childhood 101. For an extension, let children think up their own microscope design! <https://www.organizedhomeschooler.com/animal-cell-cake/>
- Watch an astronaut read *Ada Twist, Scientist* in space! <https://storytimefromspace.com/ada-twist-scientist/>
- Check out these early microscopes which are now owned by the Smithsonians: https://www.si.edu/search/collection-images?edan_q=microscope&edan_fq%5B0%5D=metadata_usage%3ACC0%20OR%20media_usag e%3ACC0

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