



Today's at-home learning theme:

## Renewable Energy



- Start with this lesson which explains renewable energy:  
<https://study.com/academy/lesson/renewable-energy-lesson-for-kids-sources-types.html>
- Make your own windmill with this wind power activity by National 4-H: <https://4-h.org/parents/stem-agriculture/youth-stem-activities/wind-energy-experiment/>
- On a walk with your family, do this renewable energy scavenger hunt from 4-H: <https://4-h.org/wp-content/uploads/2016/02/9-RenewableScavengerHunt.pdf>
- Have a parent print out one of these energy info books from the National Energy Education Development:  
K-2: <https://issuu.com/theneedproject/docs/primaryenergyinfobookactivities>  
3-5: <https://issuu.com/theneedproject/docs/elementaryinfobookactivities>
- Make your own solar oven with the NEED Project and try melting or cooking something like a s'more: <https://7ad3lz9zmyhppfq26wugt151-wpengine.netdna-ssl.com/wp-content/uploads/2020/03/Energy-from-the-Sun-Student-19-20.pdf>
- Use air pressure to power your own DIY car with the Idaho National Laboratory: <https://inl.gov/wp-content/uploads/2020/04/Make-a-Recycled-Balloon-Car-Lesson-Plan.pdf>
- Try this easy cookie lab from the Department of Energy with your family to learn about energy consumption and regulation: [https://www.energy.gov/sites/prod/files/2013/04/f0/Conserving\\_Electric\\_Energy.pdf](https://www.energy.gov/sites/prod/files/2013/04/f0/Conserving_Electric_Energy.pdf)
- Check out this activity book about energy from the Department of Energy: <https://www.netl.doe.gov/sites/default/files/netl-file/NETL-Activity-Book-6-27-2016.pdf>
- Listen to Sweet Apple Elementary School read *The Boy Who Harnessed the Wind* by Brian Mealer and William Kamkwamba: [https://www.youtube.com/watch?v=sDXAf\\_p5FjU](https://www.youtube.com/watch?v=sDXAf_p5FjU)

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