

HOMESCHOOL RESOURCES:

Generate some Positive Energy with Biodiesel!

Courtesy of the National Biodiesel Board and the Next Generation Scientists for Biodiesel

Here are some fun ideas for parents who would like to extend their children’s learning experience at home! We’ve developed some educational resources and STEM activities to help kids expand their understanding of energy, sustainability and renewable biodiesel.

Thanks to the U.S. Department of Agriculture’s Biodiesel Education Program, the University of Idaho developed [Energy Education](#) coursework for elementary school through high school, including the following resources we love:

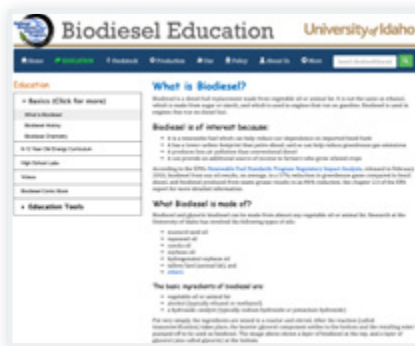
Energy Curriculum for 8 - 12 year-olds.

This complete workbook includes games, simple experiments that can be done with parental supervision, and worksheets.



FACTSHEET

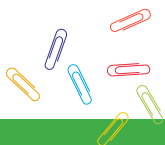
“What is Biodiesel?”



VIDEO: “Biodiesel Emissions.”

This 3-minute animated video describes how diesel technology has evolved and improved, and why biodiesel still makes sense.

(Learn biodiesel basics first. Recommended for Middle School/High School).



“Watch List” ideas:

WEBINAR

“BIODIESEL 101.” This 60 minute webinar, previously recorded by NBB, covers basics on what biodiesel is, who uses it, and what makes it a sustainable choice.

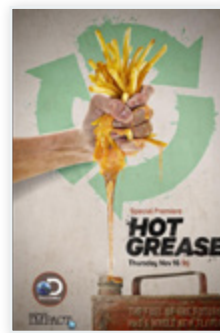
(Recommended for Middle School/High School).



DOCUMENTARY

“HOT GREASE.” This 2017 film explores how an environmentally beneficial industry has expanded the green-energy frontier –but not without obstacles. Available on Hulu and Discovery, or for \$2.99 on Amazon Prime.

(Recommended for Middle School/High School).



Activity Book

The Missouri Soybean Merchandising Council has this fun **SIMON THE SOYBEAN ACTIVITY BOOK** with crossword puzzles and more.

(Recommended for young children).



Biodiesel Unit for Teachers, Grade 4-12

“TRANSPORTATION FUELS: BIODIESEL. INFORMATION AND ACTIVITIES TO TEACH STUDENTS ABOUT BIODIESEL AS A TRANSPORTATION FUEL.” developed by NEED under the USDA Biodiesel Education program

(Grade Level 4 – 12).

