

# SEEK



*Science Enrichment Education for Kids*

**U of A** DIVISION OF AGRICULTURE  
RESEARCH & EXTENSION  
University of Arkansas System

**7<sup>th</sup> and 8<sup>th</sup> Grade**

## **2018/19 Class Outline**

**Science-** What is it and where did it come from? What is the Scientific Method? What is Scientific Inquiry?

**Food and Nutrition-** How is our food produced? What is soil and why is it important in food production? A closer look at what lives under ground: worm dissection. What are “healthy food choices”? Take-home project: Family meal planning.

**Earth Systems-** Weather, water and all things meteorological. Science vs folklore. Catastrophic events and how know when they are coming. Soil vs Dirt. Compost project (getting dirty for Science)

**The Human Machine-** How do we move? What are muscles? What are bones and how do they help us live? A closer look at skeletal-muscle system: chicken leg dissection.

**Engineering-** What is engineering? What is the “Design Process” and how is it similar/different from the Scientific Method? Get ready for the ultimate engineering build-off!

Your students will also spend time each class working on Life Skills.

More information on Life Skills at:

[www.uaex.edu/4h-youth/about/impact/life-skills.aspx](http://www.uaex.edu/4h-youth/about/impact/life-skills.aspx)

## **Contact Information:**

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**Thank you for  
Supporting SEEK!**

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