

# 4-H After School Clover Crates Grundy County 2020



## Clover Crates:

### Art Attack \$15.00

Includes:

Color Creation  
Lots of Layers  
Shape-O-Saurus

### Fizz, Bubble and Goo \$15.00

Includes:

States of Matter  
Physical Changes  
Balloon Inflation  
Separate a Mixture  
From Clear to Colored  
Slime  
Squeeze Freeze  
Homemade Ice Cream

## Looking for something to do after school?

- ◆ **Grundy County 4-H is excited to offer After School Clover Crates! These kits will provide great learning opportunities for your youth.**
- ◆ **Youth DO NOT have to be 4-H members to participate in this awesome experience!**
- ◆ **Lessons are geared for K-4th grade.**

## How it works:

- ◆ **Select the Clover Crate(s) your child would like to participate in.**
- ◆ **Sign up for as many 4-H After School Clover Crates as your child or children would like.**
- ◆ **Signing up for Clover Crates can be done by calling the office at (319) 824-6979, or emailing [traegera@iastate.edu](mailto:traegera@iastate.edu)**

## What's Included:

**Most materials needed to complete the activities will be included along with step-by-step instructions for each activity.**

**Please note we have a limited number of kits left, so this will be done on a first come first serve basis.**

***Fees are due to the Grundy County Extension Office at the time of pickup. Crates can be picked up at the Grundy County Extension Office starting on Monday, August 3rd.***

## Pick-Up Location: Grundy County Extension Office

ISU Extension and Outreach  
Grundy County  
703 F Ave, Suite 1  
Grundy Center, IA 50638  
(319) 824-6979  
[www.extension.iastate.edu/grundy](http://www.extension.iastate.edu/grundy)



IOWA STATE UNIVERSITY  
Extension and Outreach

## Art Attack:

### Color Creation-

In this lesson, you will be learning about color! How many colors can you name? Color is a quality you can see when you look at something. You will be exploring the science of color with color changing tablets!

### Lots of Layers-

In this lesson, you will be learning about layers and collage! A layer is an amount of something that is spread over an area. A collage is a work of art that is made by attaching pieces of different materials. Can you list some things that have layers? One delicious food that has layers is pizza!

### Shape-O-Saurus-

In this lesson, you are going to create your very own shape-o-saurus! This will help you learn about shapes! A shape is the form or outline of an object. Can you list some shapes?

## Fizz, Bubble and Goo:

### States of Matter-

In this activity, you will learn about solids, liquids, and gases. If you could be a solid, liquid, or gas which would you like to be? Why?

### Physical Changes-

This experiment may take a few days. During this activity you will explore physical changes with ice, liquid water, and evaporation. A physical change is when a change occurs, but no new substances are formed.

### Balloon Inflation-

In this fun activity, you will learn about a chemical change and how it differs from a physical change. A chemical change is when two substances are mixed together to form something new. Are there chemical changes that occur in nature or your home that you can identify?

### Separate a Mixture-

Different types of matter can be combined to form mixtures. Thanks to properties such as size, shape, and density, mixtures can be separated back into their different kinds of matter. In this activity, you will be forming, tasting, and separating mixtures.

### From Clear to Colored-

In this experiment, you will be further exploring chemical changes. Remember, one main clue that tells you a chemical change has occurred is a change in color.

### Slime-

This is a fun experiment with a fun outcome, so don't forget to play with the new substance for awhile!

### Squeeze Freeze Homemade Ice Cream-

This is a tasty way to explore chemistry and change.

