

# Iowa Academic Science Standards

## and Pick a better snack™

**Did you know?** Pick a better snack™ lessons help support the Iowa Academic Science Standards. The lessons introduce and reinforce concepts students are learning in the classroom throughout the year. Many standards are touched on multiple times by the Pick a better snack™ lessons, strengthening the connection. The lessons are designed for grades K-3.

### Kindergarten

|                            | <b>K-LS1-1. LS1.C: Plant and animal (including humans) survival needs</b> | <b>K-LS1-1: Patterns</b>          | <b>K-ESS3-1. ESS3.A: Natural resources</b> | <b>K-LS1-1: Sharing observations</b> |
|----------------------------|---|-----------------------------------|--|--------------------------------------|
| <b>Year 1 PABS Lessons</b> | October<br>March  | September<br>December<br>February | May<br>January<br>April                    | November                             |
| <b>Year 2 PABS Lessons</b> | November<br>January<br>February   | March<br>April<br>May             | September<br>October<br>December           |                                      |
| <b>Year 3 PABS Lessons</b> | September<br>October<br>December  | March<br>April                    | November<br>January<br>February            | May                                  |

### 1<sup>st</sup> Grade

|                            | <b>1-ESS1-2. ESS1.B: Seasonal patterns</b> | <b>1-LS1-1. LS1.A: Structure and function</b>                       | <b>1-LS3-1. LS3.B: Variation of traits</b> | <b>1-LS1-2: Patterns</b> | <b>1-LS1-2. LS1.B: Growth and development of plants</b> | <b>1-LS3-1: Making observations</b> |
|----------------------------|--|---|--|--------------------------|---|-------------------------------------|
| <b>Year 1 PABS Lessons</b> |  | September<br>October<br>December<br>February                        | March<br>April<br>May                      |                          | January   | November                            |
| <b>Year 2 PABS Lessons</b> |  | September<br>October<br>November<br>December<br>January<br>February | March<br>April<br>May                      |                          |   |                                     |
| <b>Year 3 PABS Lessons</b> | September<br>May                           | October<br>November<br>December                                     | March<br>April                             | January                  | February  |                                     |

## 2<sup>nd</sup> Grade

|                                | <b>2-LS4-1. LS4.D:<br/>Biodiversity</b>                                  | <b>2-LS4-1:<br/>Planning and<br/>carrying out<br/>investigations</b> | <b>2-LS2-1. LS2A:<br/>Plants depend<br/>on water and<br/>light</b> | <b>2-LS2-2:<br/>Structure and<br/>function</b> | <b>2-LS2-2. LS2.A:<br/>Interdependent<br/>relationships</b> |
|--------------------------------|--|--|--|--|---|
| <b>Year 1<br/>PABS Lessons</b> | January<br>February<br>March<br>April<br>May                             | November   | October  | September<br>December                          |   |
| <b>Year 2<br/>PABS Lessons</b> | September<br>November<br>February  |  | May  | October<br>December<br>January<br>March        | April   |
| <b>Year 3<br/>PABS Lessons</b> | September<br>November<br>December<br>January<br>February<br>April<br>May |  |  |  | October<br>March  |

## 3<sup>rd</sup> Grade

|                                | <b>3-LS4-3. LS4.C:<br/>Adaptation</b> | <b>3-LS1-1. LS1.B:<br/>Growth and<br/>development of<br/>organisms</b> | <b>3-LS3-1. LS3.B:<br/>Variation of traits</b> | <b>3-ESS2-2. ESS2.D:<br/>Weather and climate</b> |
|--------------------------------|---------------------------------------|--|--|--|
| <b>Year 1<br/>PABS Lessons</b> | October                               | September<br>November<br>March<br>May                                  | December<br>February                           | January<br>April                                 |
| <b>Year 2<br/>PABS Lessons</b> | September<br>April                    | October<br>November<br>December<br>January<br>March<br>May             |  | February   |
| <b>Year 3<br/>PABS Lessons</b> | September<br>December<br>May          | October<br>February<br>March<br>April                                  | November<br>January                            |  |

Pick a better snack™ lessons:  
[idph.iowa.gov/inn/pick-a-better-snack/educator-lessons](https://idph.iowa.gov/inn/pick-a-better-snack/educator-lessons)  
 Iowa Academic Science Standards:  
[educateiowa.gov/pk-12/instruction/science](https://educateiowa.gov/pk-12/instruction/science)

This institution is an equal opportunity provider. This material was funded by USDA's Supplemental Nutrition Assistance Program - SNAP. It was developed by the Iowa Department of Public Health in partnership with the Iowa Department of Human Services. October 2021

