## TEACHING POWERPOINT



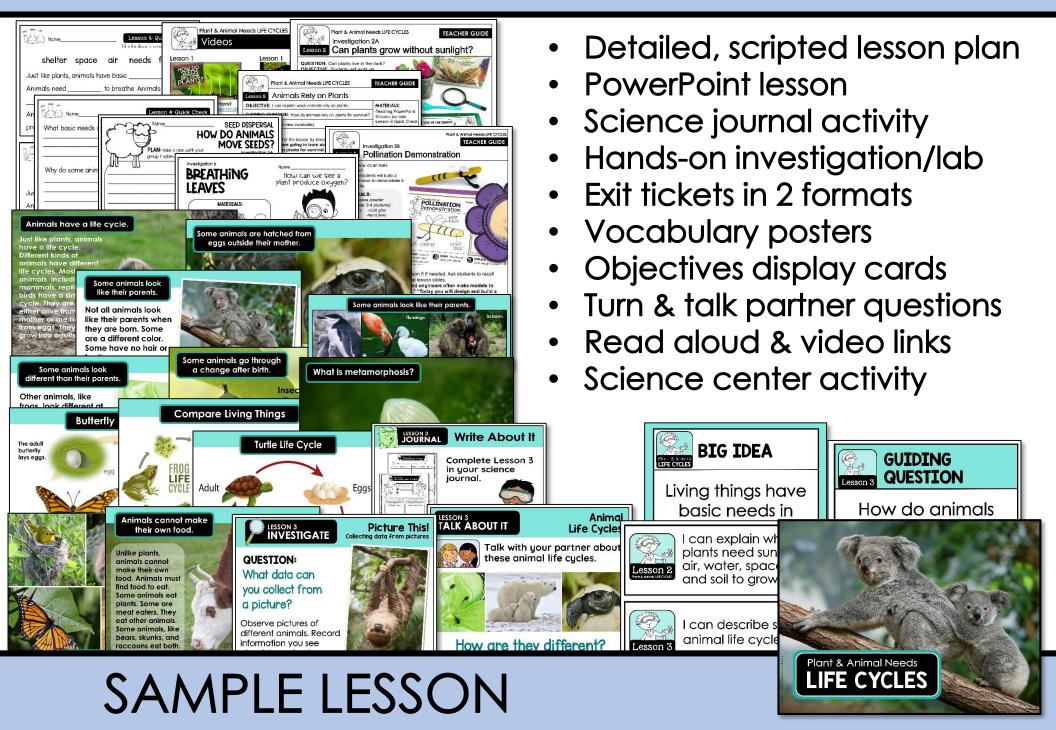
## **ENGAGING LESSONS**

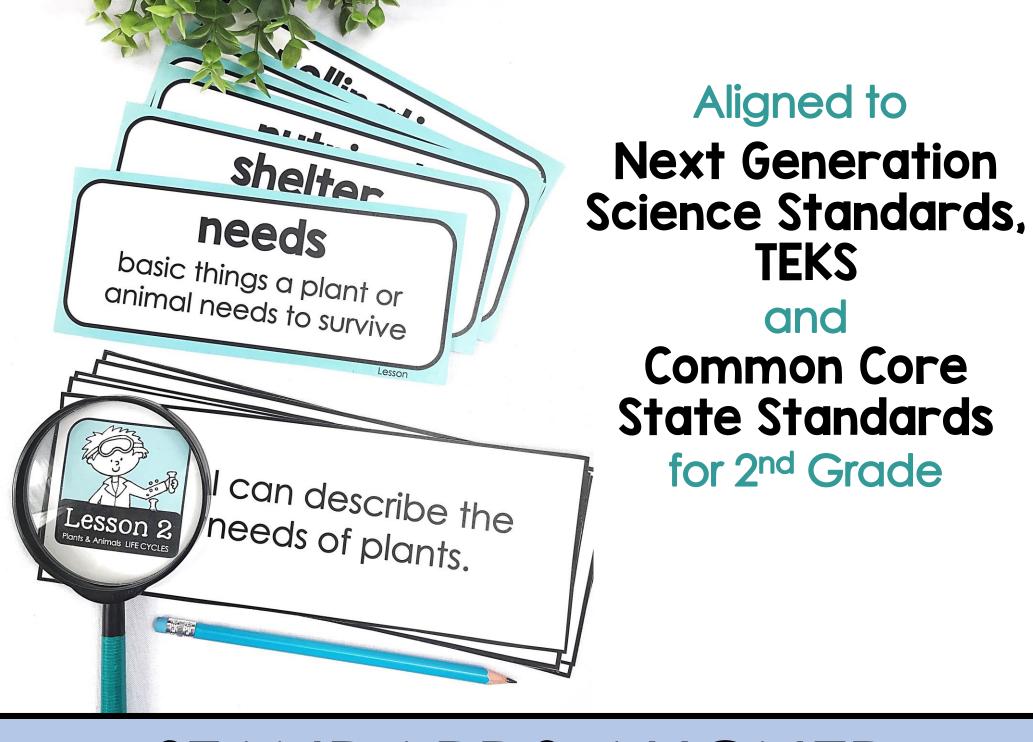
- Plant Life Cycles
- Plant Needs
- Animal Life Cycles
- Animal Needs
- Plants Rely on Animals
- Animals Rely on Plants



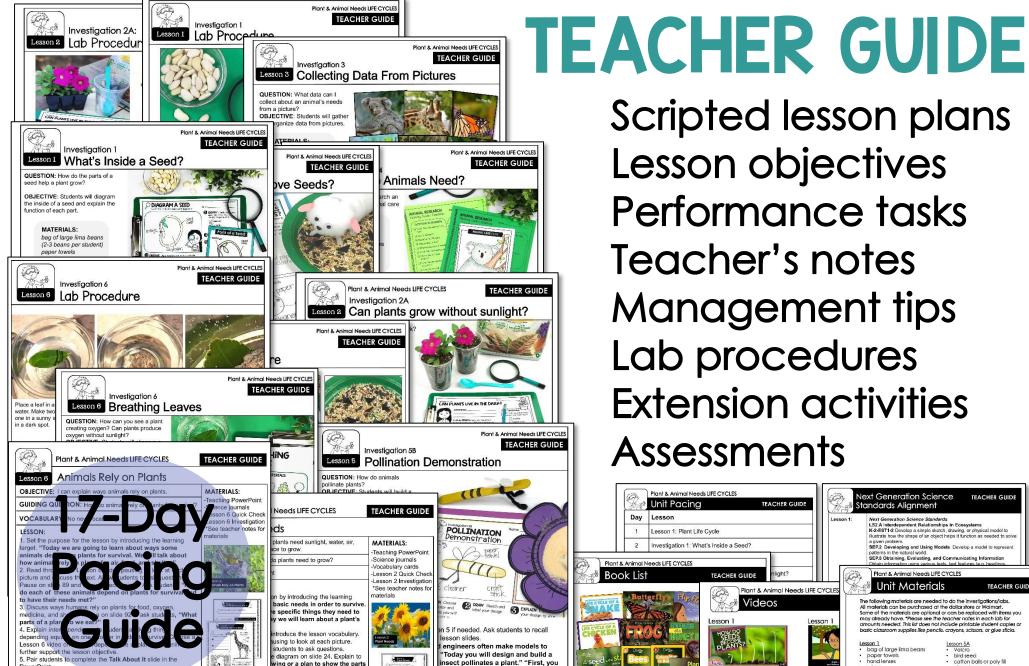


## **EACH LESSON INCLUDES:**





## STANDARDS-ALIGNED



work together. A Lego

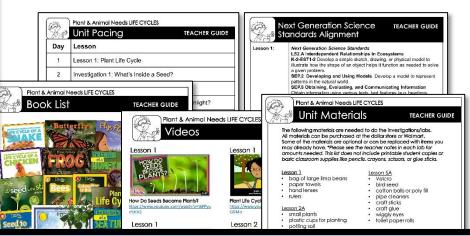
WRAP UP: Revisit the learning objectives and call on students to answer the guiding questions. Ask students, "How are plants

and animals interdependent?" "What are some examples of

of a diagram," "How do the

how plants use sunlight to make

Scripted lesson plans Lesson objectives Performance tasks Teacher's notes Management tips Lab procedures **Extension activities Assessments** 



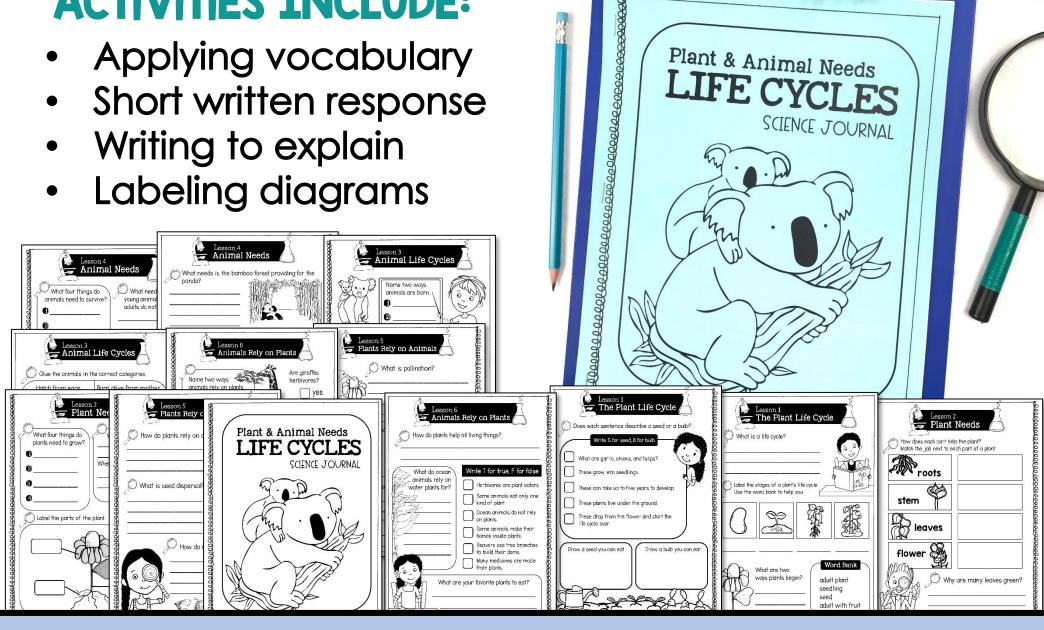
## DETAILED LESSON PLANS

llinator. Then you will use that model

ake their models. Guide students to

ect pollinates plants

## RESPONSE JOURNAL ACTIVITIES INCLUDE:

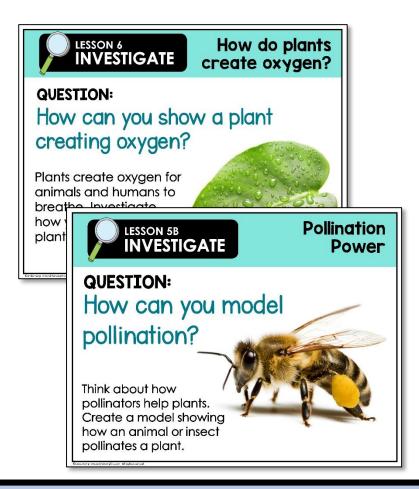


## LESSON RESPONSE JOURNAL

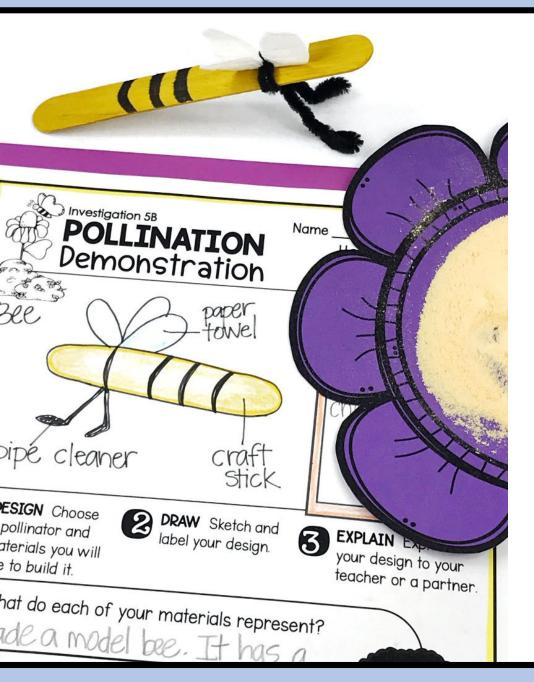
## HIGH-ENGAGEMENT LESSONS



# STUDENTS DISCUSS, WRITE & INVESTIGATE



## 8 HANDS-ON INVESTIGATIONS



#### STUDENTS EXPLORE:

- Plant & animal needs
- Simulating pollination
- Modeling animals dispersing seeds
- How water moves through a plant
- How plants create oxygen
- Writing an informational text on animal needs

## Students learn science process skills in fun and creative ways



## STEP-BY-STEP GUIDES





Provide materials for students to choose from. I cut Velcro into squares, then in half diagonally to represent hooked seeds.



Students write a plan and draw a diagram of how they will make a model animal. This is just one example. Students can make their models any way they wish.



Students then use their model to act out an animal walking, laying down, and rolling in a field or in the woods



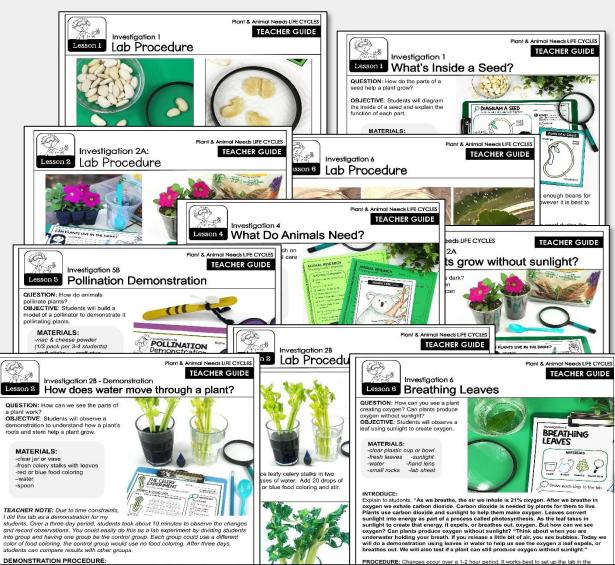
Students record observations and explanation, on their lab sheets.

Secure the poly fill with pile cleaners that will also serve as the animal's legs. We folded the bottom of the legs up slightly to make them more stable

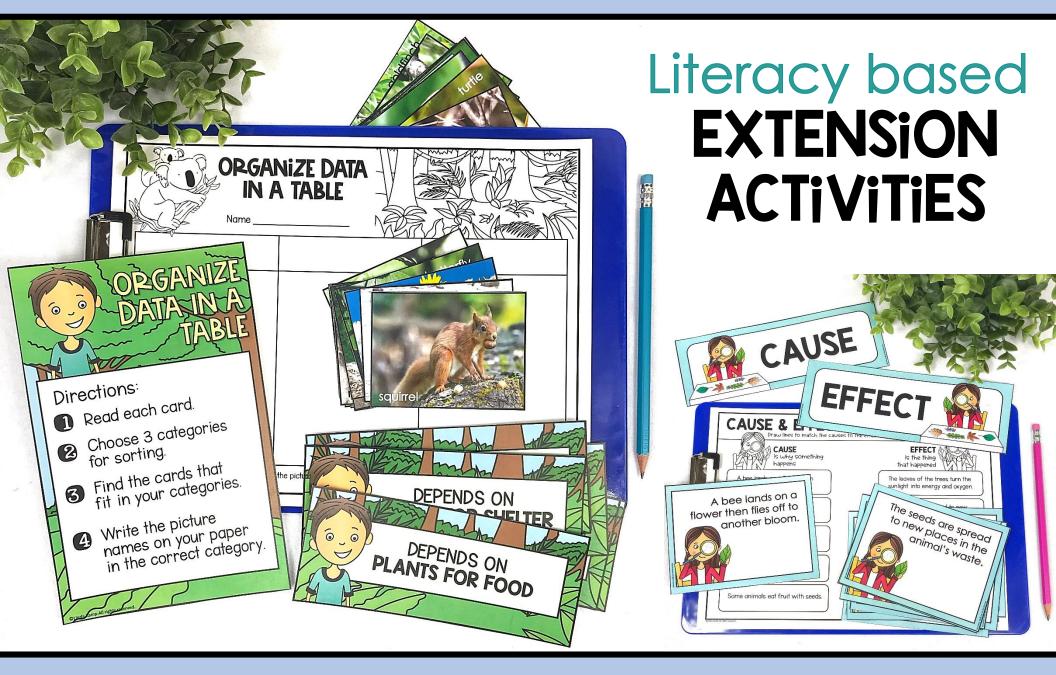


Students add eyes, ears, etc. of the specific animal they have chosen to make. One of my students made a cow by using a Sharpie to draw large black spots on the body.

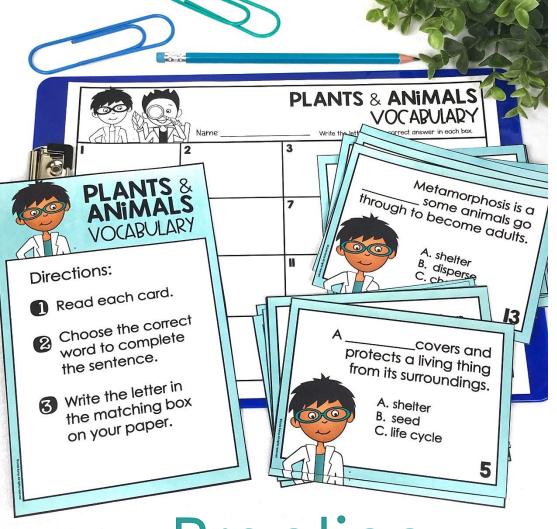
## With teacher tips, materials list, procedures & pictures



### LITERACY-BASED SCIENCE CENTERS



Integrate science in your reading centers

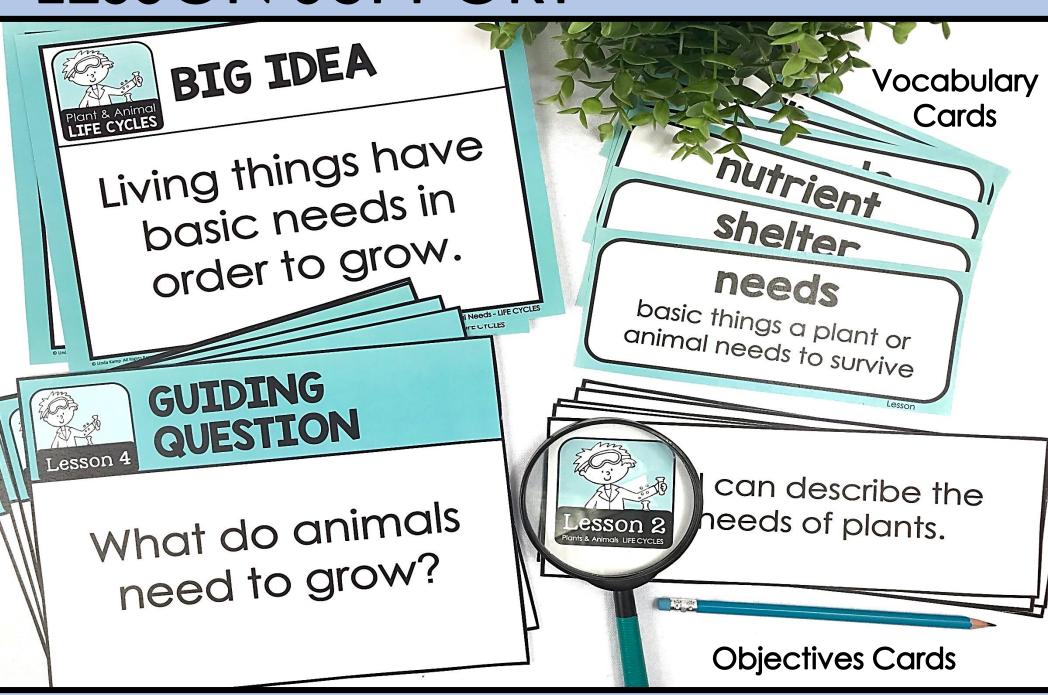


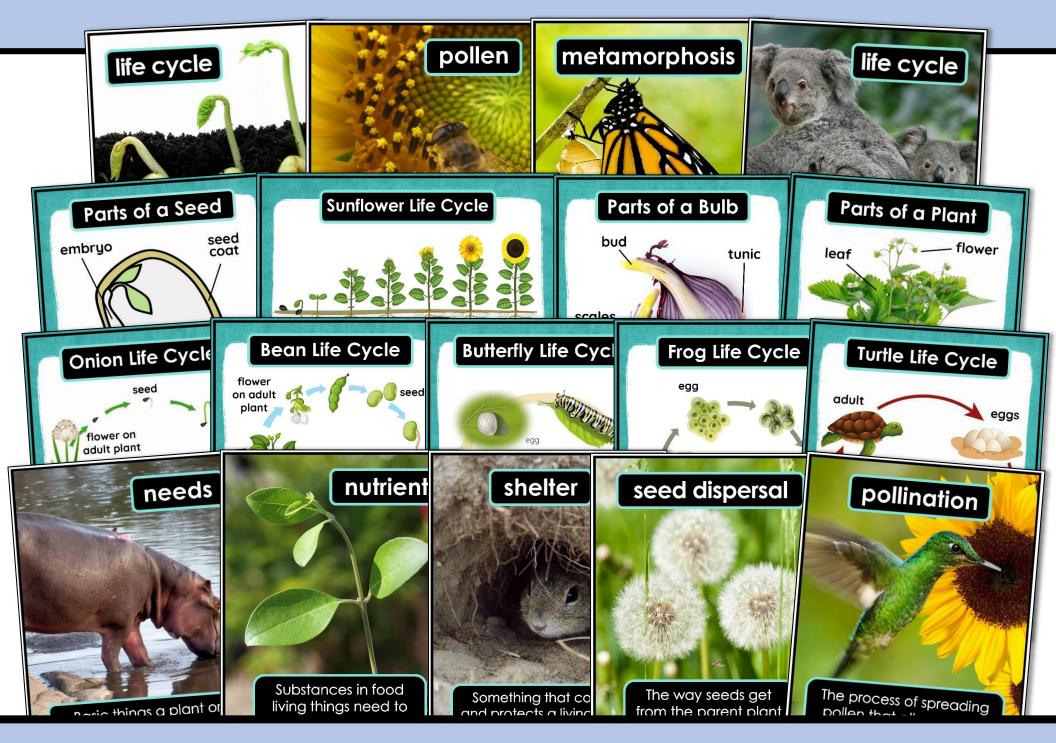
# Practice MATH & LITERACY SKILLS

## Reinforce SCIENCE CONTENT



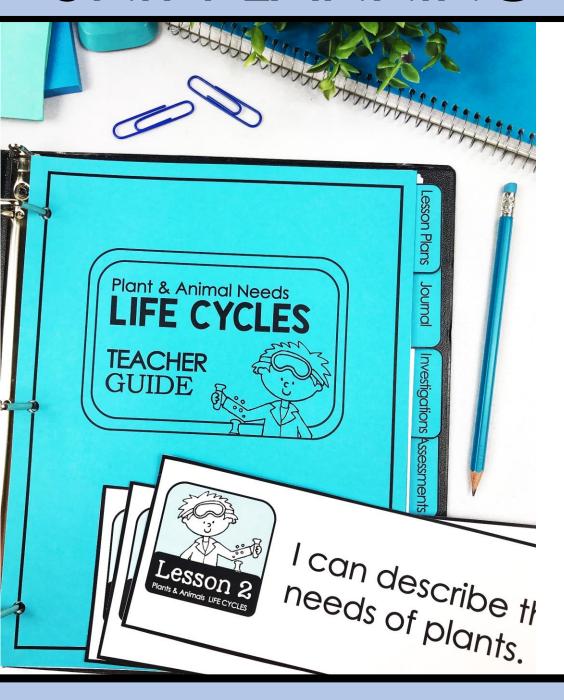
## LESSON SUPPORT





Full Page Vocabulary Posters

## **UNIT PLANNING BINDER**



Organize your unit in a handy planning binder

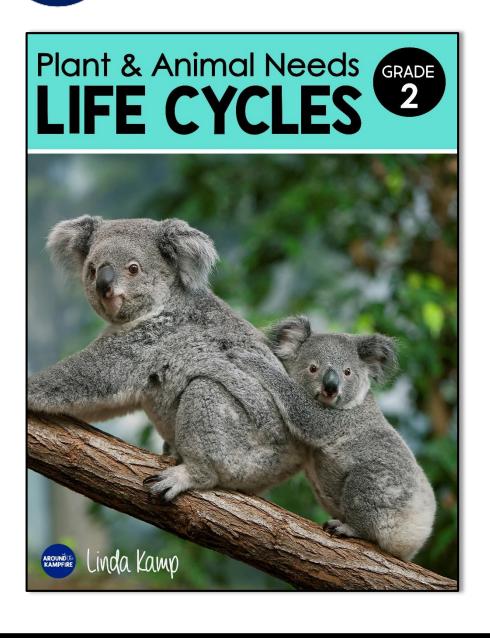
#### Binder includes:

- cover & spines
- section dividers
- divider tabs

PLAN, TEACH & ASSESS an in-depth and effective unit



## Ready to use science resources



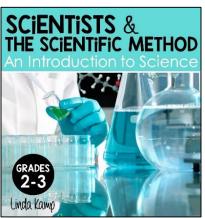
## STUDENTS GAIN UNDERSTANDING OF:

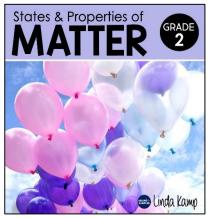
- Plant and animal needs
- Interdependence of plants and animals
- Types of life cycles
- Parts of a seed, plant & flower
- Collecting & analyzing data
- Planning & carrying out investigations
- Engineering design
- Building models that mimic pollination & seed dispersal
- Using texts and other media to answer scientific questions

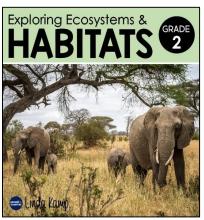


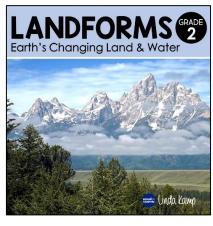
## Build a science foundation!

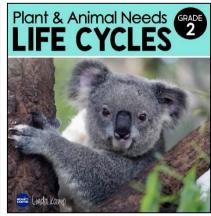
#### See the entire series CLICK HERE



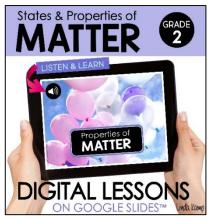


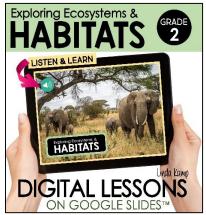
















#### Second Grade Science Curriculum