

PICTURE-PERFECT SCIENCE AND THE NGSS K-5

Recommended 80-Lesson Alignment by Grade Level
















































Teach STEM and Literacy the Picture-Perfect Way!

| | KINDERGARTEN | | | 1 st GRADE | | | | 2 nd GRADE | | | | |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| PHYSICAL | Sunshine on My Shoulders Ch. 17  | Feel the Heat Ch. 9  | Move It! Ch. 10  | Mirror, Mirror Ch. 15  | Sounds All Around Ch. 10  | Let's Drum! Ch. 11  | Get the Message Ch. 12  | That Magnetic Dog Ch. 13  | Freezing and Melting Ch. 6  | Build It! Ch. 7  | Science Mysteries Ch. 13  | Crayons Ch. 14  |
| LIFE | Do You Know Which Ones Will Grow? Ch. 11  | Design a Habitat Ch. 15  | Plant a Tree Ch. 16  | Over in the Ocean Ch. 11  | Unbeatable Beaks Ch. 13  | Amazing Caterpillars Ch. 15  | Pillbots Ch. 17  | A Sense of Wonder Ch. 20  | Seeds on the Move Ch. 12  | Flight of the Pollinators Ch. 18  | | |
| EARTH SPACE | Be a Friend to Trees Ch. 12  | Reduce, Reuse, Recycle Ch. 17  | | Stargazers Ch. 18  | A Birthday is No Ordinary Day Ch. 19  | | | Our Blue Planet Ch. 20  | | | | |
| PRACTICES | Hear Your Heart Ch. 8  | The Handiest Things Ch. 6  | | Bubbles Ch. 6  | Robots Everywhere Ch. 8  | | | How Big is a Foot? Ch. 7  | Imaginative Inventions Ch. 19  | | | |

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| | 3 rd GRADE | | | | | | 4 th GRADE | | | | | | 5 th GRADE | | | | | |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--|
| PHYSICAL | Sheep in a Jeep Ch. 14  | Roller Coasters Ch. 14  | Float Your Boat Ch. 7  | Wind it Up Ch. 8  | | | Sounds of Science Ch. 15  | Batteries Included Ch. 22  | The Wind Blew Ch. 8  | Harnessing the Wind Ch. 9  | Light it Up! Ch. 9  | From Edison to iPod Ch. 11  | Chemical Change Café Ch. 16  | The Secrets of Flight Ch. 23  | Burn Ch. 10  | | | |
| LIFE | Turtle Hurdles Ch. 12  | Oil Spill! Ch. 13  | Loco Beans Ch. 9  | Fossils Tell of Long Ago Ch. 16  | Better Together Ch. 12  | Spider Science Ch. 13  | Name That Shell Ch. 7  | Bugs! Ch. 21  | Wiggling Worms Ch. 10  | Ducks Don't Get Wet Ch. 14  | Bionic Animals Ch. 14  | Rice is Life Ch. 8  | Mystery Pellets Ch. 10  | Close Encounters Ch. 11  | From Seed to Tree Ch. 15  | | | |
| EARTH SPACE | What Will Weather Be? Ch. 18  | Hurricane! Ch. 16  | | | | Grand Canyon Ch. 19  | Down the Drain Ch. 24  | If You Find a Rock Ch. 16  | Solving the Puzzle Under Sea Ch. 17  | | | The Changing Moon Ch. 17  | Day and Night Ch. 18  | Sunsets and Shadows Ch. 19  | Space Exploration Ch. 18  | Star Stuff Ch. 19  | From Trash to Treasure Ch. 20  | |
| PRACTICES | If I Built a Car Ch. 25  | Problem Solvers Ch. 20  | | | | The Inventor's Secret Ch. 6  | | | | | | Earth Hounds Ch. 6  | What's Poppin'? Ch. 9  | Brainstorms Ch. 20  | Mesmerized Ch. 7  | | | |