

TEACHER GUIDE

In a Universe Where You Can Be Anything, Be a **Black Hole of Good!**

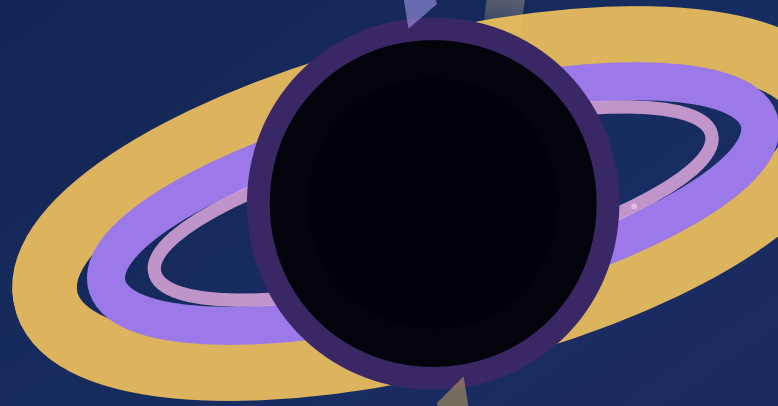
A classroom companion for kindness, emotional strength, belonging, and the wonder of space.

Pre-K to Grade 2

Ages 4-8

20-30 minutes

SEL + Science + Literacy



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THE LITTLE QUANTUM UNIVERSE SERIES · CHASEENERGY KIDS PRESS

About the Story

This story introduces children to a tiny speck who discovers that being powerful does not always mean being the brightest object in the sky. The speck's quiet gravity becomes a symbol for kindness, emotional strength, and the way our actions can draw people together.

You do not have to be the loudest or brightest person in the room to make a difference.

Kindness

Small actions can help others feel cared for.

Self-worth

Every child carries a meaningful strength.

Belonging

Good choices can draw a community together.

Transformation

Growth can be quiet, gradual, and powerful.

Learning Goals

- 1 Explain how a small action can affect another person.
- 2 Identify examples of kindness in the story and classroom.
- 3 Describe how the speck changes throughout the story.
- 4 Recognize that people have different kinds of strengths.
- 5 Share one way to send good energy into the community.

Helpful Vocabulary

Gravity

A force that pulls objects toward one another.

Speck

A very tiny piece or spot.

Kindness

Words or actions that help others feel cared for.

Strength

The ability to keep trying, help, or choose well.

Transform

To grow or change into something different.

Universe

Everything in space, including stars, planets, galaxies, and us.

Before You Read

Can something very small make a very big difference?

Invite examples such as a smile, a kind word, sharing, helping, including someone, or saying thank you. Ask students to watch for the ways the tiny speck changes the universe around it.

MATERIALS

The book, this guide, paper, and crayons or markers.

BEST USE

Morning meeting, read-aloud, SEL lesson, library, or science connection.

CORE TAKEAWAY

Quiet strengths and small acts of kindness can create meaningful change.

Questions That Help the Story Breathe

Use the prompts before, during, or after reading. Choose only the questions that best fit your students and available time.

BEFORE READING

- What do you notice about the cover?
- What might a "black hole of good" be?
- What do you already know about space?
- Can someone be strong without being loud?

WHEN THE SPECK FEELS DIFFERENT

- How do you think the speck feels?
- Have you ever felt different from others?
- Can being different become a strength?

WHEN THE SPECK BEGINS TO CHANGE

- What is happening to the speck?
- Is every kind of growth easy to see?
- What might the speck be learning about itself?

WHEN GOOD ENERGY IS SHARED

- How does the speck affect the universe around it?
- What happens when kindness is shared?
- Can one kind action lead to another?

AFTER READING

- How did the speck change?
- What made the speck powerful?
- Why did the speck matter even when it was tiny?
- How can kindness have a pull, like gravity?
- How can our classroom become a black hole of good?

Teacher Reflection Prompt

Help students connect the story to strengths that may not always be easy to see.

"Some people shine brightly. Some people listen carefully. Some people help quietly. Some people bring others together. Every kind of goodness matters."

COMPLETE THE SENTENCE

One kind of goodness I carry is...

Flexible Response Options

- Answer aloud
- Draw the response
- Write one sentence
- Share with a partner
- Add the answer to a classroom kindness wall

Facilitation Note

Leave space after each question. The goal is not to reach one correct answer, but to help children notice feelings, choices, change, and positive influence.

Teacher Notes and Student Observations

Good Energy Has Gravity

Show how one kind action can create a positive chain reaction.

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Teacher Directions

1

Create the Center

Students draw themselves or write their names in the center.

2

Add a Kind Action

Choose one action, such as helping, listening, sharing, or inviting someone to join.

3

Follow the Pull

Draw lines outward to show who might be affected and what could happen next.

4

Build a Classroom Galaxy

Combine student ideas on a shared display titled "Our Classroom Is a Black Hole of Good."

YOUNGER LEARNERS

Let children draw and name their action aloud.

OLDER LEARNERS

Ask for a chain reaction involving at least three people.

My Good Energy Galaxy

Name _____

My kind action _____

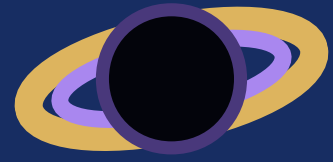


Quick reflection: My good energy has gravity when I...

A LITTLE SCIENCE BEHIND THE STORY

Real Space Science Inspires Speck's Story

Black holes have very strong gravity. Around some black holes, a glowing, spinning ring of dust and gas forms. This ring is called an **accretion disk**. Some black holes can also send powerful streams of particles and energy into space. Scientists call these **jets** or **particle jets**.



Science Tells Us

- Black holes have extremely strong gravity.
- Some are surrounded by glowing material.
- Powerful jets can form near certain black holes.
- Scientists study them with telescopes and other instruments.

The Story Imagines

- A tiny speck with feelings and choices.
- Goodness behaving like a form of gravity.
- Kind actions becoming bright energy.
- A black hole helping the universe through kindness.

In the story, Speck's bright particle jets become a symbol of kindness and good energy being sent back into the universe. That part is imaginative, but it is inspired by something real and wonderful in space.

Science: Gravity in Action

Drop two safe objects and observe how Earth's gravity pulls both toward the floor.

Literacy: A Small Action

Begin: "One tiny act of kindness changed everything when..."

Art: A Good-Energy Galaxy

Create a space scene showing kindness traveling through the universe.

SEL: Quiet Strength

Discuss listening, patience, courage, honesty, curiosity, and compassion.

Classroom Challenge

Choose one kind action for the class to practice for an entire week. At the end of each day, discuss where students noticed its positive pull.

**My kindness matters. My choices have power.
My good energy has gravity.**

About The Little Quantum Universe

The series introduces young readers to big scientific ideas through imagination, empathy, and meaningful storytelling. Each adventure encourages children to stay curious, recognize their inner strength, and understand that even the smallest person can help shape a kinder universe.

The Little
Quantum Universe

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