

Cover

Spider of Eight Legs of Awesome Tagline: Eight legs. Endless surprises.

ART Cover Illustration

Big friendly spider on a rainbow web. Title letters woven into strands.

Introduction

Some people say "Gah" when they see a spider. But not you! You're about to discover how amazing they are.

ART: Kid Meets Spider

Kid with magnifying glass smiling garden spider on a

flower.

Body Parts

Two body parts: cephalothorax (head+chest) and abdomen (tummy)

ART Labeled Diagram

Eyes, legs, pedipalps, cephalothorax, abdomen, spinnerets

Eight Legs

Eight legs help spiders move fast, climb walls, and hang upside down.

ART: Action Poses

Dancing, climbing, hanging

Silk comes from tiny nozzles called spinnerets at the tip of the abdomen.

ART Spinneret Close up

Multiple spinnerets extruding silk.

Web Wonders

Orb webs, funnel webs, sheet webbauch spider builds its own style.

ART: Web Types

Three web types side by side with builder spiders.

Jumping Spiders

Camouflaged They jump up to 50 times their body length

Art: Super Jump

Cape, motion breaks

Tarantulas

Big, furry, gentle to humans, fence to bugs.

ART: Burrow Buddy

Fluffy tarantula peeking from burrow.



Black Widow

Red hourglass says: Danger! Admins from afar

ART: Iconic Hourglass

Stylized widow with caution motifs

Daddy Longlegs

Surprise: not true spider! (ident. crucial)

ART Family Photo

Spider vs daddy longlegs line-up

Spider Vision

Must have eight eyes. Some are great, some not so much.

ART: Eye Army

Close up eyes goofy glasses

Hunters vs Trappers

Hunters chase prey. Trappers wait in webs.

Art: Two Styles

Sneakers vs hammock

Spider Senses

They feel tiny vibrations through their legs like a phone buzz.

ART: Vibration Waves

Waves traveling along silk.

Super Silk Lines

Silk for egg sacs, sleeping bags, safety ropes

ART Silk Tootie

Three-panel egg sac, sleeping bag, dangleline

Baby Spiders

Spiderlings hatch and sometimes balloon on silk.

Arb. Ballooning

Spiderlings drifting on breeze.

Dangerous to People?

Must use harness and not poles

ART: Bug Buttons

Spider with "Bug Buster" badge.



Record Breakers

Biggest Gulabhi birthday: Smallest Samman masquade

ART Size Scale

Plate w/ sprinkle

Camouflage Masters

Some blend with flowers, leaves, or sticks.

Art Flower Disguise

Crocodile as a petal

Spider Strength

Silk is stronger than steel of same thickness but stretchy!

ART: Silk Lifer

Silk dumbbell

Spiders Everywhere

They live almost everywhere except Antarctica.

ART World Map

Waving spiders snowflake over Antarctica.

Myth Busting

Myth: Spiders crawl into your mouth at night. Truth: Nope.

ART: Myth vs Truth

Silly myth vs friendly truth

Famous Spiders

Cherubs, Angels, Sheikhs/spider in stores worldwide

ART Storybook

Non-infringing vignettes

You and Spiders

Watch one nest to see how you might be surprised.

ART Garden Watch

Child observing or weaving

1) True or False: All spiders spin webs. 2) Biggest spider? 3) Legs?

ART Game Show

Stage lights spider host.



Chiang

Small creatures, big jobs. Now you're a spider expert!

ART: Farwell Web

Golden web work