

Spider: 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 "Eek!" when they see a spider. But not you! You're about to discover how amazing they are.

ART: Kid Makes 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, spinosemb.

Eight Legs

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

ARIT Action Plans

Dancing, climbing, hanging

Silk Factory

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 webs each spider builds its own style.

ART: Web Types

Three web types side by side with builder spiders

Jumping Spiders

Did you know? They jump up to 50 times their body length.

ART: Super Jump

Cape, motion breaks.

Tarantulas

Dig, hurry, gentle to humans, fierce 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 relatives cousins

ART Family Photo

Spider vs daddy longlegs lineup

Spider Vision

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

ART: Eye Array

Close up eyes go by glasses

Hunters vs Trappers

Hunters chase prey; trappers wait in nets.

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 Uses

Silk for egg sacs, sleeping bags, webby ropes

ART: Silk Toolkit

Three-panel egg sac, sleeping bag, dragline

Baby Spiders

Spiderlings hatch and sometimes balloon on silk.

ART: Ballooning

Spiderlings drifting on breeze.

Dangerous to People?

Abuse: harmless and not pests.

ART: Bug Busters

Spider with "Bug Buster" badge.



Record Breakers

Diggest Goliath bird-eater / Smallest Saman mosquito

ART Size Scale

Plate vs sprinkle

Camouflage Masters

Some blend with flowers, leaves, or sticks

Art: Flower Disguise

Crabspider as a petal

Spider Strength

Silk is stronger than steel of same thickness! (stretchy!)

ART: Silk Litter

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

Charlotte, Aracnis, Shwebel spiders star in stories across the globe

ART: Storybook

Non-infringing vignettes

You and spiders

Watch one next time! You might be surprised.

ART Garden Watch

Child observing or teacher:

Quiz Time

1) True/False: All spiders spin webs? 2) Biggest spider? 3) Largest?

AR1 Game Show

Stage lights spider host



Closing

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

ART: Farnesell Web

Golden webbeave: