

## Lore Drop stuff to get you started:

### Approximate Reading Levels:

Text A:	Text B:																																								
<table><tr><td colspan="2">Readability Scores:</td></tr><tr><td>Flesch-Kincaid Reading Ease:</td><td>76.5</td></tr><tr><td>New Dale Chall Readability:</td><td>3.6</td></tr><tr><td>Spache Readability Score:</td><td>5</td></tr><tr><td colspan="2">Readability Grades:</td></tr><tr><td>Flesch-Kincaid Grade Level:</td><td>5.3</td></tr><tr><td>Gunning Fog Index:</td><td>8.2</td></tr><tr><td>Coleman-Liau Index:</td><td>9.4</td></tr><tr><td>SMOG Index Score:</td><td>9.3</td></tr><tr><td>Automated Readability Index:</td><td>4.2</td></tr></table>	Readability Scores:		Flesch-Kincaid Reading Ease:	76.5	New Dale Chall Readability:	3.6	Spache Readability Score:	5	Readability Grades:		Flesch-Kincaid Grade Level:	5.3	Gunning Fog Index:	8.2	Coleman-Liau Index:	9.4	SMOG Index Score:	9.3	Automated Readability Index:	4.2	<table><tr><td colspan="2">Readability Scores:</td></tr><tr><td>Flesch-Kincaid Reading Ease:</td><td>80.1</td></tr><tr><td>New Dale Chall Readability:</td><td>3.3</td></tr><tr><td>Spache Readability Score:</td><td>5</td></tr><tr><td colspan="2">Readability Grades:</td></tr><tr><td>Flesch-Kincaid Grade Level:</td><td>4.7</td></tr><tr><td>Gunning Fog Index:</td><td>7.3</td></tr><tr><td>Coleman-Liau Index:</td><td>8.7</td></tr><tr><td>SMOG Index Score:</td><td>8.6</td></tr><tr><td>Automated Readability Index:</td><td>3.5</td></tr></table>	Readability Scores:		Flesch-Kincaid Reading Ease:	80.1	New Dale Chall Readability:	3.3	Spache Readability Score:	5	Readability Grades:		Flesch-Kincaid Grade Level:	4.7	Gunning Fog Index:	7.3	Coleman-Liau Index:	8.7	SMOG Index Score:	8.6	Automated Readability Index:	3.5
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**Connections:** Science, cute animal friends

**Key vocab:** tarantula, microhylid, mutualistic relationship

**Warning:** Cute pic of a spider and a frog

**Feedback:** Our main goal is engagement and a bit of whimsy, but we don't want to spread misinformation either. Please email: [nadgeniuslabs@gmail.com](mailto:nadgeniuslabs@gmail.com) to let us know how we've done, or to give suggestions for our next Lore Drop!

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## Unlikely Animal Friendship (Text A)

Everyone loves an unlikely animal pair. A cat and a chicken that grew up together. A dog and a duck that are best mates. So let me introduce you to the hottest new animal friendship to drop: spiders and frogs. Now **tarantulas** may not be everyone's cup of tea. They're big and fuzzy and have way too many eyes. But unless you're a large insect or a tiny animal, you're pretty much safe from these leggy bois. So this is why their friendship with microhylids is a bit odd. **Microhylids** are a group of little tiny frogs. Like 2cm kind of tiny. So definitely small enough for a tarantula to snack on. If I was a tinsy little frog, you wouldn't catch me anywhere near a tarantula, let alone being its roommate! But these lil froggos have been found doing just that. In fact, scientists have observed tarantulas picking up microhylids and feeling them with their mouths, and the frogs are totally unbothered.

You see, these spiders have eight eyes, but still have a hard time seeing, so they rely mostly on vibrations and chemical sensors in their mouths to help them know what's going on. So they lick around on the frog, realize it's a homie, then spit em back out. One scientist (Csakany) thought this was wild, so they took some frogs that these tarantulas **do** usually eat (called: lowland tropical bullfrogs) and they popped them into a microhylid skin suit.

Then chucked em to some tarantulas. The tarantulas picked em up, gave em a taste, and were fooled into thinking it was their friendly frogs, not tasty frogs hiding in a friend costume.



So microhylids aren't afraid of being eaten, but that's still a pretty low bar for becoming someone's friend. Why then do these little guys seem to hang out? Well scientists think that the spiders and the frogs have a **mutualistic relationship**. This means that they seem to help each other out. Bros before foes. Ants love to eat tarantula eggs, and they're a bit too small for tarantulas to be able to take care of themselves. Microhylids love a little ant snack though. So the frogs get a free meal and the added bonus of an eight-legged body-guard to protect them from geckos and other animals that actually want to eat them. Regardless of the reason why though, we just think these unlikely animal friends are a cute pair (in their own hairy/slimy way).

## Unlikely Animal Friendship (Text B)

Everyone loves an unlikely animal pair. A cat and a chicken that grew up together. A dog and a duck that are best mates. So let me tell you about the hottest new animal friendship to drop: spiders and frogs. Now **tarantulas** may not be everyone's cup of tea. They're big and fuzzy and have way too many eyes. But unless you're a big bug or a tiny animal, you're pretty much safe from these leggy bois. So this is why their friendship with microhylids is a bit odd. **Microhylids** are a group of little tiny frogs. Like 2cm kind of tiny. So small enough for a tarantula to snack on. If I was a tiny little frog, you wouldn't catch me near a tarantula, let alone being its roommate! But these lil froggos have been found doing just that. In fact, scientists have seen tarantulas picking up microhylids and feeling them with their mouths, and the frogs don't even care.

These spiders have eight eyes, but still have a hard time seeing, so they mostly use touch and chemical sensors in their mouths to help them know what's going on. So they lick around on the frog, realize it's a homie, then spit em back out. One scientist (Csakany) thought this was wild, so they took some frogs that these tarantulas **do** usually eat (called: lowland tropical bullfrogs) and they popped them into a microhylid skin suit.

Then chunked em to some tarantulas. The tarantulas picked em up, gave em a taste, and were fooled into thinking it was their friendly frogs, not tasty frogs hiding in a friend outfit.



Microhylids aren't afraid of being eaten, but that's still a pretty low bar for being someone's friend. So why do these little guys seem to hang out? Well scientists think that the spiders and the frogs have a **mutualistic relationship**. This means that they seem to help each other out. Bros before foes. Ants love to eat tarantula eggs, and they're a bit too small for tarantulas to be able to take care of themselves, but microhylids love a little ant snack! So the frogs get a free meal and the added bonus of an eight-legged body-guard to protect them from geckos and other animals that actually want to eat them. It doesn't matter why they hang out though, we just think these unlikely animal friends are a cute pair (in their own hairy/slimy way).