

Name \_\_\_\_\_

## Cosmic Story Generator: Black Hole Edition

**Your Mission:** You're about to write an epic **sci-fi adventure** set near a mysterious black hole! But this won't be just *any* story-you'll use random prompts to shape your **main character, setting, conflict**, and a **scientific twist**. Use your imagination and blend real black hole science with fiction!

### Step 1: Choose Your Hero (choose 1 below):

1. A daring space pilot named Commander Nova
2. A curious alien explorer with a jetpack
3. A malfunctioning AI robot trying to become sentient
4. A group of high school students on a science field trip
5. A talking space-cat with quantum goggles
6. A time-traveling astrophysicist



### Step 2: Pick the Setting

1. A crumbling space station near the event horizon
2. A spaceship caught in the gravitational pull of a black hole
3. A rogue planet orbiting dangerously close to a black hole
4. A hidden base on the accretion disk
5. A wormhole opening beside a black hole
6. The inside of a black hole (or what they *think* is inside...)

### Step 3: Add the Conflict

1. Time is moving differently-your hero is aging, but the ship isn't.
2. The black hole is growing-and it's about to consume everything.
3. Someone (or something) got trapped inside and is calling for help.
4. The ship's gravity sensors go haywire near the singularity.
5. There's only one escape pod-and it's malfunctioning.
6. A scientific experiment accidentally tore space-time.

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#### Step 4: Include Real Science

Somewhere in your story, accurately use at least **two real black hole facts**:

- A black hole's gravity is so strong, not even light can escape.
- Spaghettification stretches objects falling in.
- Time slows down near a black hole (gravitational time dilation).
- The event horizon is the point of no return.
- Black holes can emit X-rays from their accretion disks.
- Black holes bend light (gravitational lensing).

#### Step 5: Start Writing!

Write a 1–2-page story using the character, setting, conflict, and science facts. Make sure to:

- Give your story a **title**
- Include a **beginning, middle, and end**
- Use at least **two real science facts** in context
- Have fun with it—humor, suspense, mystery, or drama welcome!