# 🕰️ Twine Time Timeline

Biology A · Unit 7 · Level 2



Name: _____

*A4.2 Twine Time: sort event cards (biotic/abiotic), predict their order, then place them on a 5-meter twine timeline of Earth's history.*

## 🧺 Event cards (our own)

- ☐ 🌍 **Earth forms** 4.6 billion years ago
- ☐ 🦠 **First life (algae, bacteria)** 3.5 billion
- ☐ 🐟 **First fish** about 500 million
- ☐ 🦖 **First dinosaurs** about 230 million
- ☐ 🌸 **First flowers** about 130 million
- ☐ ☄️ **Dinosaurs go extinct** 66 million
- ☐ 🦣 **Mammoths** Ice Age
- ☐ 🧍 **Humans** about 300,000

## 🌱 Steps: check each box when you finish

1. ✂️ **Cut** the 8 event cards. ☐
2. 🗂️ **Sort**: living (biotic) or non-living (abiotic) events. ☐
3. 🔢 **Predict** the order from oldest to newest. ☐
4. 📏 **Scale**: 1 m = 1 billion years, so 1 cm = 10 million years. ☐
5. 📎 **Place** each card on the twine at its spot. ☐
6. 🧠 **Discuss**: where are humans? What surprised you? ☐

### 📏 Scale

1 m = _____ years · 1 cm = _____ years

Humans are _____ cm from the end of the twine.

**Word bank:** **1 billion** **10 million** **0.03**

🚧 **Under construction:** Her Twine Time cards and Events in Evolution sheet are pictures only. We made our own 8 event cards with standard dates. Please check they match her events. *Check with Ms. Dunham.*