



Time / Cost Estimate

Time: Prep - 6 hr / Active - 35 min

The prep time represents the time needed to make six game boards. Below is a breakdown of the time estimation.

Printing and cutting out game board pieces, timeline and mutation cards: 1 hr

Taping down game boards and timelines to desks or tables: 1 hr

* Optional: laminating game board pieces and timelines

Preparing species-building materials:

Prep	Time
Cutting felt or paper pectoral fins (20 pairs per group):	1 hr
Cutting felt or paper caudal fins (10 pairs per group):	1 hr
Cutting pipe cleaner legs (20 pairs per group):	30 min
Cutting pipe cleaner claws (10 pairs per group):	15 min
Cutting and shaping pipe cleaner antennae (10 pairs per group):	12 min
Cutting pipe cleaner arms (10 pairs per group):	6 min
Cutting pipe cleaner tails (10 per group):	12 min
Cutting tooth pick spikes (21 per group):	12 min
Cutting tooth pick beaks (8 per group):	6 min
Cutting and shaping pipe cleaner wings (10 per group):	20 min
Sorting other materials into plastic containers:	20 min

Initial Cost: \$76.00

The cost includes all the materials needed to make the game pieces and the mutations listed on the mutation cards. Many of the materials, such as plasticine, googly eyes, shells and pipe cleaners, can be reused to lower the cost of repeating the activity in subsequent years. If the game boards and mutations cards are laminated, they can also be reused in following years.