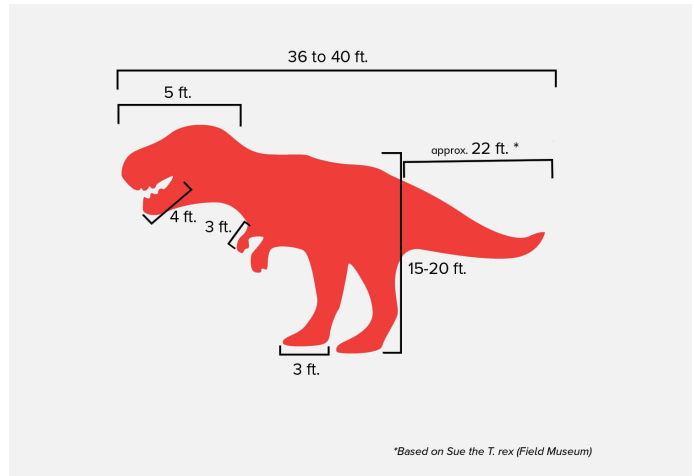


Building a Dinosaur to Scale

Building a life-size dinosaur would require many resources, but we can still learn a lot by building a scale model of a dinosaur. For our scale, we're going to use $\frac{1}{2}$ inch = 1 foot. For example, if the dinosaur we're modeling has a 10-foot tail, we would make sure our model has a 5-inch tail ($10 \times \frac{1}{2} = 5$). Do some background research on the theropod dinosaur you want to model into a puppet. Determine how long various parts of its body were, including the leg, torso, head, arm, and tail (see sample on the right). Convert those lengths to the scale-length of the model, and write the lengths in the table below. Jot down any notes from your research in the corresponding column.



Body Part	Actual Length/Height	Scaled Length/Height	Design Notes
Leg			
Torso			
Head			
Arm			
Tail			