**Student Worksheets** **NAME:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**Welcome to the American Museum of Natural History!**

When you think of *Tyrannosaurus rex*, you may think of a huge and ferocious predator. But what was this animal like when it was younger?

At the Museum today, you’ll see what *T. rex* may have looked like at different ages. You’ll also explore how it lived, hunted, and survived as it grew up.

**These stops are highlighted in the worksheets:**

#### **STOP 1: *T. rex* Baby(age 1)**

#### **STOP 2: Juvenile *T. rex* (age 4)**

#### **STOP 3: Adult *T. rex* (age 20)**

## **STOP 1:** ***T. rex* Baby (age 1)**

1. **Sketch the one-year-old *T. rex*.** Label its features.

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1. **Try the “Survival Challenge” activity.** What is a major danger that a *T. rex* baby faces?

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How can a *T. rex* baby keep itself safe?

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## **STOP 2:** **Juvenile *T. rex* (age 4)**

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| 1. **Sketch** **the  model of the four-year-old  *T. rex*.   Label** its features. |  |

1. **Read the information about young *T. rex* on the panels around the model.** How is this four-year-old *T. rex* different from the one-year-old *T. rex* you observed before?

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1. **Read the information in front of the model.** What are three ways that this four-year-old *T. rex* is different from an adult *T. rex*?

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1. **Read the information on growth rings.**

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| How often do the rings form? |  | What does the space between growth rings show? |
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During what time of its life did *T. rex* grow the fastest?

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1. **Try the “Survival Challenge” activity.** How could a four-year-old *T. rex* successfully attack an armored dinosaur? Why did it need to attack that way?

## **STOP 3:** **Adult *T. rex* (age 20)**

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| 1. **Sketch** **the  model of the adult *T. rex*.** Label its features. |  |

1. **Try the “Survival Challenge” activity.** What is the adult’s best strategy for catching its prey? Why?

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1. **Explore the section about *T. rex* jaws, teeth, and arms.**   
     
   How were adult *T. rex* teeth different from those of young *T. rex* and other tyrannosaurs?

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What did these teeth allow *T. rex* to do?

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What are some reasons *T. rex* may have had tiny arms?

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