

# NO BONES ABOUT IT

## Description:

A team of two (2) students will identify bones and pictures of bones at stations throughout the room. They will also be required to answer questions found on cards at the stations pertaining to bones. Only the SCIENTIFIC NAMES of the bones will be accepted as correct!

## Number of Participants: 2

*work together*

## Approximate Time: 30 minutes

*using human bones*

- test (multiple choice)
- bone ID
- Xrays

## The Competition:

Stations will be set up in the room with provided bones and pictures of bones (HUMAN AND ANIMAL). The two participants will move from station to station with all the other teams only on the direct command of the testing official. (There will be 30 seconds at each station.) The team will be asked to record answers to the questions found at various stations on the provided answer sheet. Questions will relate to the identity of the bones or picture of the bones and also MAY include questions on orientation, articulation, number of this type in the human body, function, type of joint, range of motion, etc.

## Scoring:

There will be 25 stations, with 2 questions per station. Each question will be worth 2 points, for a total of 100 points. The team with the highest point total will be the winner. In case of a tie the team with the answers spelled correctly will place ABOVE the team with the incorrect spelling.

### SAMPLE QUESTIONS: (Answer in CAPS)

1. A. Identify this bone:  
TIBIA  
B. Location of this bone:  
RIGHT LOWER LEG
2. A. Identify this bone:  
MANDIBLE  
B. Function of this bone:  
ITS MOVEMENT, CHEWS & GRINDS FOOD
3. A. Identify this bone:  
SCAPULA  
B. How many of these bones are in the human body?  
TWO
4. A. Name the bone that is colored in red on this picture  
HUMERUS  
B. How tall would you estimate this animal is?  
20-40 CM
5. A. Is this skull an example of a predator or a prey?  
IF EYES ARE FACING FORWARD=PREDATOR

