@company: USBONG @company: USBONG SOCIAL @author: SYSON, MICHAEL B. @author: SYSON, MICHAEL B. @date created: 20201114 @date created: 20201114 @last updated: 20220312; from 20210210 @last updated: 20220312; from 20210210 COORDINATE SYSTEM = MAPA COORDINATE SYSTEM = MAPA NOTES: NOTES: POINT = DAUNGAN NG BARKO POINT = DAUNGAN NG BARKO COORDINATE SYSTEM SKILL LEVEL 1: COORDINATE SYSTEM SKILL LEVEL 1: **INPUTS: INPUTS:** X=0.10 //POSITION X OF POINT X=0.10 //POSITION X OF POINT Y=0.10 //POSITION Y OF POINT Y=0.10 //POSITION Y OF POINT TANONG: WHERE IS THE POINT? TANONG: WHERE IS THE POINT? SAGOT: SAGOT: 1 1 Υ Υ Α Α Χ Х I Т S S 0 1 0 1 X -- A X I X -- A X I S COORDINATE SYSTEM SKILL LEVEL 2: COORDINATE SYSTEM SKILL LEVEL 2: **INPUTS:** INPUTS: STARTX=0.30 //START POSITION X OF POINT STARTX=0.30 //START POSITION X OF POINT STARTY=0.30 //START POSITION Y OF POINT STARTY=0.30 //START POSITION Y OF POINT STEPX=0.10 //MOVE POSITION X BY STEP COUNT STEPX=0.10 //MOVE POSITION X BY STEP COUNT STEPY=0.10 //MOVE POSITION Y BY STEP COUNT STEPY=0.10 //MOVE POSITION Y BY STEP COUNT X=STARTX-STEPX //POSITION X OF POINT X=STARTX-STEPX //POSITION X OF POINT Y=STARTY //POSITION Y OF POINT Y=STARTY //POSITION Y OF POINT TANONG: WHERE IS THE POINT? TANONG: WHERE IS THE POINT? SAGOT: SAGOT: 1 1 Υ Υ Α Α Χ Χ I Т S S 0 1 0 1 X -- A X I S X -- A X I S COORDINATE SYSTEM SKILL LEVEL 3: COORDINATE SYSTEM SKILL LEVEL 3: **INPUTS: INPUTS:** STARTX=0.30 //START POSITION X OF POINT STARTX=0.30 //START POSITION X OF POINT STARTY=0.30 //START POSITION Y OF POINT STARTY=0.30 //START POSITION Y OF POINT STEPX=0.10 //MOVE POSITION X BY STEP COUNT STEPX=0.10 //MOVE POSITION X BY STEP COUNT STEPY=0.10 //MOVE POSITION Y BY STEP COUNT STEPY=0.10 //MOVE POSITION Y BY STEP COUNT X=STARTX //POSITION X OF POINT X=STARTX //POSITION X OF POINT Y=STARTY+STEPY //POSITION Y OF POINT Y=STARTY+STEPY //POSITION Y OF POINT TANONG: WHERE IS THE POINT? TANONG: WHERE IS THE POINT? SAGOT: SAGOT: Υ Α Α 1 Τ S 1/0 1 1/0 1 X -- A X I X -- A X I COORDINATE SYSTEM SKILL LEVEL 4: COORDINATE SYSTEM SKILL LEVEL 4: **INPUTS: INPUTS:** STARTX=0.00 //START POSITION X OF POINT STARTX=0.00 //START POSITION X OF POINT STARTY=0.00 //START POSITION Y OF POINT STARTY=0.00 //START POSITION Y OF POINT STARTZ=0.00 //START POSITION Z OF POINT STARTZ=0.00 //START POSITION Z OF POINT STEPX=0.10 //MOVE POSITION X BY STEP COUNT STEPX=0.10 //MOVE POSITION X BY STEP COUNT STEPY=0.10 //MOVE POSITION Y BY STEP COUNT STEPY=0.10 //MOVE POSITION Y BY STEP COUNT STEPZ=0.10 //MOVE POSITION Z BY STEP COUNT STEPZ=0.10 //MOVE POSITION Z BY STEP COUNT X=STARTX //POSITION X OF POINT X=STARTX //POSITION X OF POINT Y=STARTY //POSITION Y OF POINT Y=STARTY //POSITION Y OF POINT Z=STARTZ-STEPZ //POSITION Z OF POINT Z=STARTZ-STEPZ //POSITION Z OF POINT TANONG: WHERE IS THE POINT? TANONG: WHERE IS THE POINT? SAGOT: SAGOT: 1 1 Υ Υ 1 Α 0 Α 0 -1 Х -1 ı ı S S A X IS A X IS

COORDINATE SYSTEM to identify positions

in the X, Y, and Z-axes

COORDINATE SYSTEM to identify positions

in the X, Y, and Z-axes