

Write it Do it Rubric

NABISCO competition

February 1, 2014

Layton, Utah (Northridge Academics Building Intelligence in Science Competitions for Olympians)

Team: _____

Build Time: _____

1 = yes, 0 = no

Lego Structure:

___ Red 2x4 on bottom level ___ Long side facing you (LSFY)

___ Black 2x4 on bottom level ___ Short Side Facing you (SSFY) ___ Black touching right end of red ___ back ends flush

___ White 2x4 on bottom level ___ SSFY ___ White touching red on left end of red ___ backs flush

___ Black 2x4 on bottom level ___ LSFY ___ Black touching front end of white with right end even with white ___ 4 bumps over to left

___ Yellow 2x4 on 2nd level ___ LSFY ___ covering 2 bumps on white 2x4 and 2 bumps on red 2x4

___ Orange 2x2 on 2nd level ___ covering joint of red 2x4 and black 2x4 ___ backs flush

___ Red 2x2 on 2nd level ___ covering joint of white 2x4 and front black 2x4 ___ right and left sides flush

___ blue 1x2 on 2nd level ___ LSFY ___ covering 2 front end bumps on right black 2x4

___ blue 2x2 on 2nd level ___ on left front black 2x4 ___ left, front, and back edges flush

___ yellow 2x2 on 3rd level ___ completely covering blue 2x2 on top of black 2x4

___ yellow 2x3 on 3rd level ___ LSFY ___ straddling gap between yellow 2x4 and orange 2x2

___ white 2x2 on 4th level ___ On top of yellow 2x3 ___ left sides flush

Total points possible on lego structure: 36

Total points earned: _____

Craft structure:

___ Styrofoam cup upside down ___ behind lego structure

___ clear push pin pushed in front of cup ___ 7 cm up from base

___ red pipe cleaner end is wrapped 1 time around clear push pin

___ pipe cleaner goes down to left from pin ___ loops around itself to the left making an oval shape ___ end points to the right ___ binder clip clips to the end of the red pipe cleaner ___ silver handles of binder clip are folded back against the black body

___ straight pin with pearl end is pushed through center of qtip ___ equal distance from both ends ___ pin is pushed into styrofoam cup ___ 7 cm up from base ___ 4 cm to the right of the clear push pin ___ qtip is oriented vertically up and down

___ small paperclip long end is opened to a 90 degree angle ___ pushed into Styrofoam cup ___ 9 cm up from base ___ 4 cm to left of clear push pin ___ body of paperclip pointing down

___ small silver safety pin is opened ___ pushed into Styrofoam cup ___ 1 cm from top of Styrofoam cup ___ directly above clear push pin ___ head of safety pin points to center top of cup

___ blue toothpick is pushed into top of cup ___ 1 cm left of center ___ ½ of toothpick shows ___ angles 45 degrees to the left

___ tan toothpick is pushed into top of cup ___ 1 cm right of center ___ ½ of toothpick shows ___ angles 45 degrees to the right

Total points possible on craft structure: 34

Total points earned on craft structure: _____

Total points earned (70 possible): _____

Scoring Violations on writing: _____

Final Score: Total Points (_____) – (Scoring Violations (____) * (.70)) = _____

