

DNA MODEL GRADING RUBRIC

Create a 3-D model of the DNA molecule using recycled/found materials. Use this as a guideline to make sure your project is done correctly. This rubric will be turned in with your model.

ACCURACY OF MODEL-

- _____ 10 base pairs minimum (10 points)
- _____ Adenine bonded to thymine (4 points)
- _____ Cytosine bonded to guanine (4 points)
- _____ Hydrogen bond between base pairs (4 points)
- _____ Sides of alternating deoxyribose/phosphate groups (4 points)
- _____ Base pairs connect to deoxyribose (4 points)
- _____ Shows correct double helix shape (4 points)

QUALITY OF MODEL-

- _____ DNA model is 3D (4 points)
- _____ Key/Labels Included (4 points)
- _____ Structure is free-standing (4 points)
- _____ The model is excellent and neat (4 points)
- _____ Model shows much creativity and time invested (4 point)

CLASSWORK –

- _____ Came to class prepared (4 points)
- _____ Managed time effectively and efficiently (4 points)
- _____ Focus on task and did NOT distract others (4 points)
- _____ Returned this original rubric (4 points)

TOTAL : _____ / 70