GEAR SYSTEMS : RESEARCH PROJECT

MST Scoring Rubric

Name:_____ Class:_____

ACTIVITY	SCORE ACHIEVED			
RESEARCH EXPERIMENTS				
1 - ADDRESSES PROCEDURE STATEMENTS	1	2	3	4
2 - CORRECTLY SELECTS GEAR SYSTEM COMPONENTS	1	2	3	4
3 - CORRECTLY COMPLETES WIRING DIAGRAM	1	2	3	4
GEAR SYSTEM CONSTRUCTION				
1 - ACCURATELY REPRESENTS DIAGRAM	1	2	3	4
2 - COMPONENTS CORRECTLY PLACED INTO ASSEMBLY	1	2	3	4
3 - COMPONENTS CORRECTLY WIRED FOR TESTING	1	2	3	4
4 - CIRCUIT PERFORMS AS DESCRIBED ON DIAGRAM	1	2	3	4
WRITE - UP OF ACTIVITY				
1 - WORK CLEARLY LABELED	1	2	3	4
2 - CORRECT CONCLUSIONS	1	2	3	4
3 - RESPONSES DEMONSTRATE UNDERSTANDING OF CONCEPTS	1	2	3	4

RUBRIC SCORING KEY

1 - REQUIRED EXTENSIVE TEACHER ASSISTANCE - WORK QUALITY FAIR

2 - REQUIRED MODERATE ASSISTANCE - WORK QUALITY GOOD

3 - MOSTLY INDEPENDENT WORK - VERY GOOD WORK QUALITY

4 - INDEPENDENT STUDENT WORK - SUPERIOR WORK QUALITY