

PROJECT TITLE: **WINDY ART PROJECT**
 PRODUCT / BENCHMARK: **KINETIC SCULPTURE**

KNOWLEDGE & THINKING GROUP				
SCORING DOMAIN	EMERGING	DEVELOPING	PROFICIENT	ADVANCED
ORIGINALITY	The kinetic sculpture is a replica of what another kinetic sculpture online. The kinetic sculpture does not incorporate elements of 3D art or the client's needs.	The kinetic sculpture is very similar to what another kinetic sculpture online. The kinetic sculpture is missing some elements of 3D art and the client's needs are not incorporated.	The kinetic sculpture is a relatively new take on the concept. The kinetic sculpture has several elements of 3D art and the client's needs are incorporated.	The kinetic sculpture is an original idea. The kinetic sculpture has all the proposed elements of 3D art and the client's needs are clearly incorporated.
FUNCTIONALITY	The kinetic sculpture did not rotate enough to power the LEDs.	The kinetic sculpture rotated, but not consistently enough power the LEDs.	The kinetic sculpture rotated and powered the lights for some time.	The kinetic sculpture rotated strongly and powered the lights the entire time the fan was on.
DEMONSTRATES CONCEPTUAL UNDERSTANDING	The kinetic sculpture design indicates that the team does not fundamentally understand the purpose of the project or kinetic power.	The kinetic sculpture design indicates that the team does not entirely understand the purpose of the project or kinetic power.	The kinetic sculpture design indicates that the team understands the purpose of the project and kinetic power.	The kinetic sculpture design indicates that the team understands entirely the purpose of the project and kinetic power.
MATERIALS SELECTION	The selection of materials is not conducive to a functional design and/or the team is over budget.	The selection of materials is not entirely conducive to a functional design and/or the team is slightly over budget.	The selection of materials is conducive to a functional design and the team is within the spending budget.	The selection of materials is very conducive to a functional design and the team is within or below the spending budget.
POINTS VALUES:	0 – 2	3 – 4	5 – 7	8 – 10