



# Engineering

## Scoring Guidelines

### Bird Blast Tower Points: \*

- 5 pts - Per Bird Blast Tower part that is knocked down. There are 6 tubes and 2 wood supports.

	0	5	10	15	20	25	30	35	40
Bird 1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Bird 2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Bird 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Repeat Bird	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

### Bonus Points \*

- Teams get 10 BONUS Points if all parts of tower are knocked down with 4 birds.

0

10

## Bird Points \*

BIRD guidelines: • Bird 1 = 1 1/2" Circumference • Bird 2 = 2 1/2" Circumference • Bird 3 = 3 1/2" Circumference

	0	5
Bird 1	<input type="radio"/>	<input type="radio"/>
Bird 2	<input type="radio"/>	<input type="radio"/>
Bird 3	<input type="radio"/>	<input type="radio"/>

## USE OF MATERIALS POINTS \*

USE OF MATERIALS guidelines: • 20 pts - Use of Materials exceeded all expectations • 15 pts - Used all Materials in a Creative and Unique Way • 10 pts - Half materials used • 5 pts - Materials not utilized effectively

- 5
- 10
- 15
- 20