STEAM LAB
GEOMETRY

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# TEAMMATES: Hunter G, Elizabeth S, Jack S, Maggie C.

## Part 1: What are we bringing?

* Tactical Flashlight (cylinder)
* Soccer Ball (icosahedron)
* How to Calculate Area of 2D Shapes
	+ Square→$a^{2}$(a=side)
	+ Circle→ $4 π r^{2}$
	+ Rectangle→$w l$
	+ Triangle→$\frac{h\_{b}b}{2}$

## Examples of 2D Shapes

Square→ $4^{2}=16$ Circle→4 π $6^{2}=452.3$ Rectangle→ $5×8=40$

(Triangle on next page)

Triangle→$\frac{5\_{3}3}{2}=7.5$