

Summary Table - Turn On a Light

GROUP 16 -

Phenomenon: Soccket Ball

Guiding question: How does playing soccer cause the ball to light?

Driving Question Board - [Add new](#) [View others](#)

[Initial Model](#)

[Final Model](#)



Supporting phenomenon	Link to work	What we did	What we figured out	How does this connect to the phenomenon
Wondertube	Link	observed the wondertube and asked questions about our observations we created ideas on what we wanted tested and why created a model of the system	There were magnets inside that connected to loops that strings were tied through. The magnets disconnected and reconnected.	Maybe there are magnets in the soccket ball. Maybe the magnets cause movement. Could it be electromagnets?
Solar cat	Link	we investigated how light energy affected the movement of the cat created cause & effect model and attached types of energy dissected the cat	solar energy transferred into electrical energy that used an electromagnet to create mechanical energy	There is probably an electromagnet being used in the soccket ball to transform mechanical energy into electrical energy
Magnet drop	Link			copper tubing (conductor) surrounding a magnet creates a force or type of energy. Again, relates to an electromagnet.
Battery train	Link			

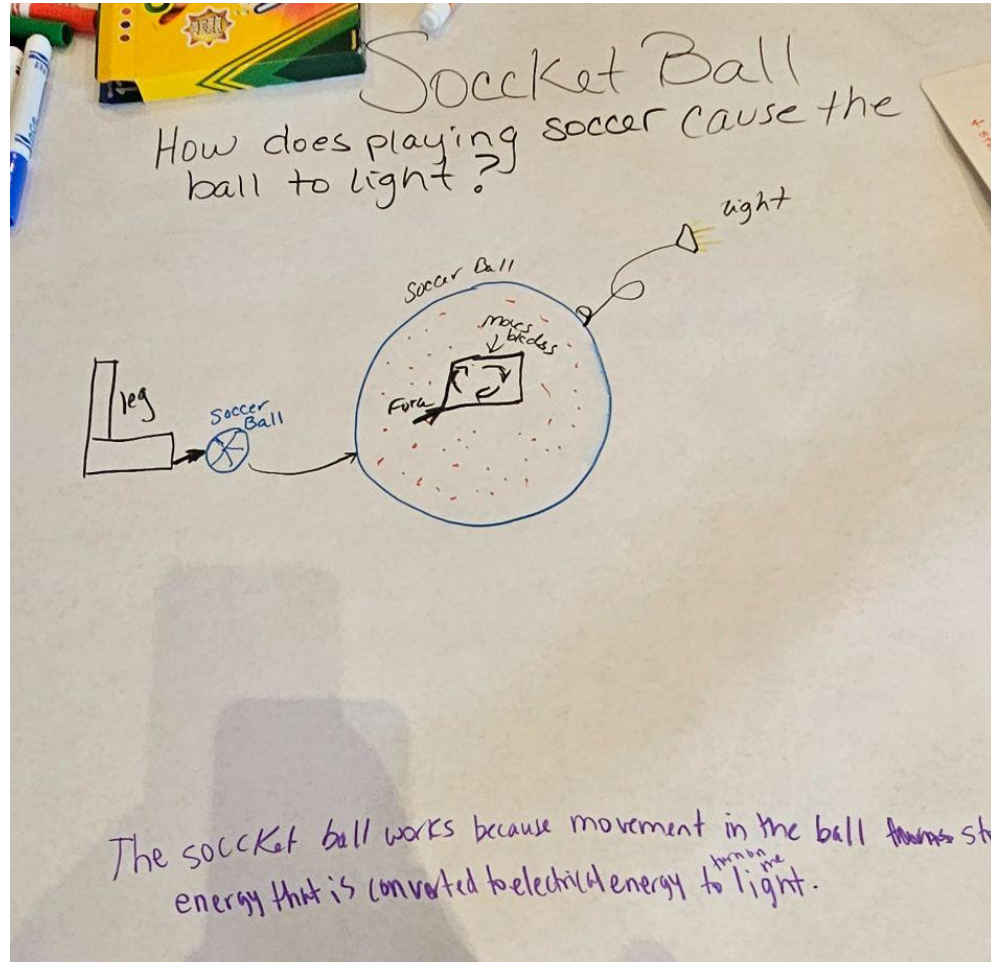
Motor spin	Link			
Turn on a light	Link			

Draw a model of the soccket ball that answers the following question

How does playing soccer cause the ball to light?



Initial Model



Final Model

Wonder Tube - [Back to summary table](#)

Show your work below (i.e. text, model images, questions, data etc.)

Solar cat - [Back to summary table](#)

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Magnet drop - [Back to summary table](#)

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Battery train - [Back to summary table](#)

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Motor spin

- [Back to summary table](#)

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