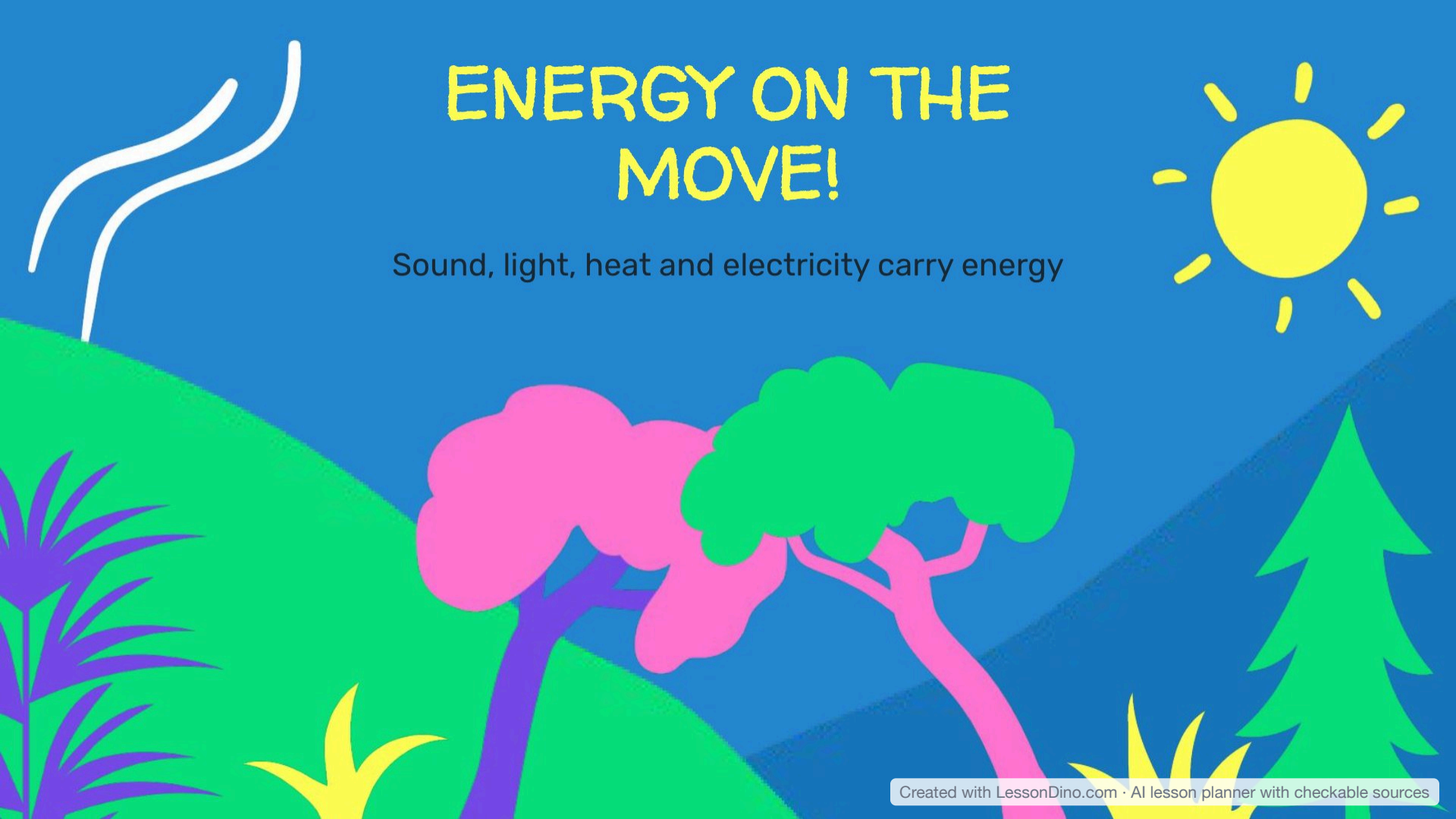
ENERGY ON THE MOVE!

Sound, light, heat and electricity carry energy



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VOTE: ENERGY SPOTTING

WHERE DID ENERGY MOVE FOR YOU THIS MORNING?

- **A** I heard sounds
- **B** I saw lights
- **C** I felt warmth
- **D** I used power in wires

Vote with your hands, then explain why.

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FOUR ENERGY MOVERS



Sound

Loud claps shake air and things.



Light

Sunshine can warm your skin.



Heat

A warm pan warms cold food.



Electric currents

Power in wires lights a bulb.

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SOUND VS. LIGHT

Sound

- Travels in waves through air and water
- Makes things shake or vibrate
- We hear it with our ears

Light

- Can travel even with no air
- Warms things from far away
- We see it with our eyes

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WATCH: ENERGY TRAVELING



▶ 0:00 – 2:27

- Watch how sound, light, heat move
- Spot what changes at the end

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WAYS ENERGY TRAVELS



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WATCH AGAIN: START TO END



▶ 0:00 – 5:00

- Watch where energy starts and ends
- Think what proof you see

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YOUR TASK

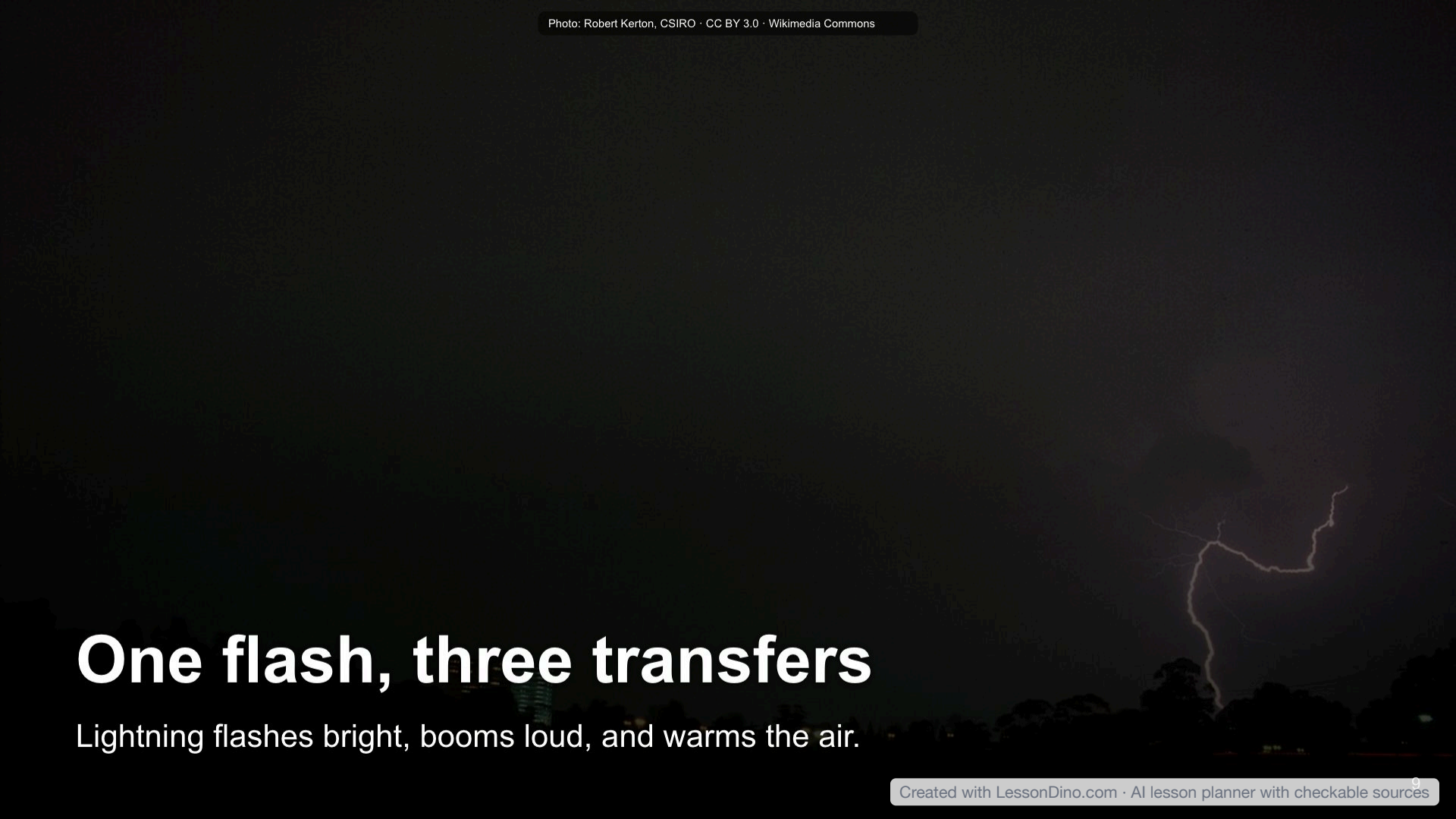
Visit 4 spots and watch what moves, lights, or warms.

1. Make sound shake tissue, shine light, feel warmth, light bulb
2. Draw or write what changed at each spot
3. Mark where energy started and ended

15 min

Groups of 4

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One flash, three transfers

Lightning flashes bright, booms loud, and warms the air.

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THINK, PAIR, SHARE

WHAT IS YOUR BEST PROOF THAT ENERGY MOVED FROM PLACE TO PLACE?

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EXIT TICKET

1. One energy transfer I saw today was...

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2. One thing I learned today...

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3. One question I still have...

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