Navigate

With your class

- What did we figure out in the last lesson about the ways that microwave radiation can interact with matter?
- How does this help us explain what happens to microwave radiation when it reaches the microwave oven's metal walls, the door, and the water inside the oven?

Slide B

Ask Questions

- *Write one question per sticky note.*
- *Write in marker--big and bold.*
- *Put your initials on the back in pencil.*

On your own

What new questions did you have at the end of the last lesson? Get out your questions from last time.

Feel free to write any new questions you now have.

Revisit Our DQB

With your class

- Add new questions to the corresponding category on the DQB. Quickly read them aloud to the class as you post them.
- Consider what types or categories of questions we still have left. What do they have in common?

Slide D

Broadening to Natural Phenomena

With your class

What other systems have we investigated where electromagnetic radiation might be an important part of explaining phenomena?

Slide E

Design Solutions

Turn and Talk

How could modeling sunlight as electromagnetic radiation help us understand why Earth's surface is warming?

➔ Be ready to share your ideas with the class.

Warming Global Temperatures Transfer Task

On your own

Use the assessment to explain interactions of electromagnetic radiation with matter in Earth's systems, and how this could cause increasing global temperatures.

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