

Enjoying the seaside: **physics of waves**

“Tabletop experiment” at the beach of Israel

Courtesy of Sabina Zigman/Benjamin Cardozo High School



➤ **When was the last time you were at the seaside**

“Tabletop experiment” at the beach of Israel

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➤ Which phenomena do you see here?

“Tabletop experiment” at the beach of Israel

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- Which experiment does it remind you?
- What are the wavefronts before and after entering the breakwalls?
- What are the conditions to have the interference?