BRONX SCIENCE SCHOLARS | SCHOLAR LAB WORKSHEET

Waves, Energy, and Information

Grade 4 · Amplify Science, Grade 4 · Simulation · 3D

Bronx Excellence Charter Schools × Harding Media LLC C.indyVerse Immersive Science

Scholar **Class** **Date** **Lab partner**

1. Driving question

How can a wave carry a message?

Energy, waves, Earth's features and plant structures.

2. Campus and lab modality

Campus running this lab:

☐ Bronx Excellence 1 ☐ Bronx Excellence 2 (home campus)

☐ Bronx Excellence 3 ☐ Bronx Excellence 4

Modality used today:

☐ VR headset ☐ AR tablet ☐ 3D model ☐ Simulation ☐ Hands-on bench

3. Before the lab — my prediction

What do you already know, and what do you think will happen? Use science words.

4. During the lab — evidence I collected

Trial	What I changed	What I measured	Observation / units
1			
2			
3			
4			
5			
6			

Sketch or screenshot notes:

5. Claim, Evidence, Reasoning

Claim — my answer to the driving question:

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Evidence — the data that backs it up:

Reasoning — why that evidence proves my claim:

6. Scholar reflection and next question

7. Extend the lab at home

Replay this lab in VR, AR or 3D at cindybotapp.com, then teach it to someone at home and write down the question they asked you.

Word bank — circle every science word you used today: claim evidence reasoning variable data model system pattern cause effect

Accessibility & IEP supports used (teacher checks all that apply): ☐ extended time ☐ read-aloud / captions ☐ sentence starters ☐ scribe ☐ small group ☐ visual model first ☐ reduced trials ☐ assistive device

Teacher notes / mastery check: _____ Score: _____ / 4

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