**TASK CARD: AIR SENSOR**

**Directions**

1. Open the app and click on the “Connect a PocketLab” square at the top.
2. Turn on PocketLab. It should appear in
the menu box. Click on “PL Air.”

**Investigate**

1. Click on the **graph icon** at the top.
	1. How many different types of data
	can it collect?
	2. How many graphs can it create at
	one time?
2. Click on the **ruler icon** at the top.
3. How many different measurements can it take?
4. What does this icon allow students to change?
5. Using the graph icon, set some parameters, and hit the **record** button. Record for 30 seconds.
6. Then, hit the **stop** button and look at your data.
7. How can students change the x- and y-axis scales to see more in-depth data?
8. Click on the **share icon** on the far right.
	1. What two things can students do with their data?
	2. Use the blue “clear” button at the bottom to clear the data you recorded.
9. Click on the **memory icon** to the right of the graph icon at the top. What does this enable students to do?
10. Free play…

PocketLab Measurements Explained: [shorturl.at/yJKNV](http://shorturl.at/yJKNV)

**TASK CARD: WEATHER SENSOR** 

**Directions**

1. Open the app and click on the “Connect a PocketLab” square at the top.
2. Turn on PocketLab. It should appear in
the menu box. Click on “PL Weather.”

**Investigate**

1. Click on the **graph icon** at the top.
	1. How many different types of data
	can it collect?
	2. How many graphs can it create at
	one time?
2. Click on the **ruler icon** at the top.
	1. How many different measurements
	can it take?
	2. What does this icon allow students
	to change?
	3. Using the graph icon, set some parameters, and hit the **record** button. Record for 30 seconds.
	4. Then, hit the **stop** button and look at your data.
3. Click on the **share icon** on the far right.
	1. What two things can students do with their data?
	2. Use the blue “clear” button at the bottom to clear the data you recorded.
4. Click on the **gas tank icon**. What does this allow students to change?
5. Click on the **video icon**. What happened?
6. Free play…

PocketLab Measurements Explained: [shorturl.at/yJKNV](http://shorturl.at/yJKNV)

**TASK CARD: VOYAGER SENSOR** 

**Directions**

1. Open the app and click on the “Connect a PocketLab” square at the top.
2. Turn on PocketLab. It should appear in
the menu box. Click on “PL Voyager.”

**Investigate**

1. Click on the **graph icon** at the top.
	1. How many different types of data
	can it collect?
	2. How many graphs can it create at
	one time?
2. Click on the **ruler icon** at the top.
	1. How many different measurements
	can it take?
	2. What does this icon allow students
	to change?
	3. Using the graph icon, set some parameters, and hit the **record** button. Record for 30 seconds.
	4. Then, hit the **stop** button and look at your data.
3. Click on the **share icon** on the far right.
	1. What two things can students do with their data?
	2. Use the blue “clear” button at the bottom to clear the data you recorded.
4. Click on the **gas tank icon**. What does this allow students to change?
5. Click on the **video icon**. What happened?
6. Free play…

Acceleration: [shorturl.at/orPV2](http://shorturl.at/orPV2)

RED X =

BLUE Y =

GREEN Z =

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