



## Activity Guide - Big Data Sleuth Card

### Directions:

- With a partner, select one of the tools in the list to the right.
- Determine what the tool is showing.
- Find the source of the data it allows you to explore.
- Complete the table below.

### Web Sites:

1. Measure of America <http://www.measureofamerica.org/maps/>
2. Wind Sensor network <http://earth.nullschool.net/>
3. Twitter sentiment [https://www.csc.ncsu.edu/faculty/healey/tweet\\_viz/tweet\\_app/](https://www.csc.ncsu.edu/faculty/healey/tweet_viz/tweet_app/)
4. Alternative Fuel Locator <http://www.afdc.energy.gov/locator/stations/>

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|--|--|
| <b>Website Name</b>  |  |
| <b>What is this website potentially useful for?</b> What kinds of problems could the provided information be used to solve?  |  |
| <b>Is the provided visualization useful?</b><br>Does it provide insight into the data? How does it help you look at a lot of information at once? How could it improve?  |  |
| <b>Where is the data coming from?</b><br>Check for “About”, “Download”, or “API”. You may also need to do a web search. <ul style="list-style-type: none"> <li>• Is the data from one source or many?</li> <li>• Is it static or live?</li> <li>• Is the source reputable? Why or why not?</li> <li>• Add a link to the raw data if you can find one.</li> </ul> |  |
| <b>Do you consider this “big” data?</b><br>Explain your reasoning.   |  |