

What?



What's the "big idea"?
What's the most important part?

**After analyzing the data from our survey
of scientists, we now know that...**

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Survey Topic	The most significant thing we learned from that topic was...
Types of science	There are many, many different kinds of science and scientists often do work that is interdisciplinary.
How new scientific information is discovered.	Scientists use many methods to discover new things (experiments, computer modeling, testing theories, being curious, and being observant), but they don't like to rely on trial and error.
How new scientific information is shared with others.	<p>1) Because scientists like to have other scientists check their work before it is seen by others, the most popular way that new scientific information is spread is through reviewed processes like conferences and scientific journals.</p> <p>2) When scientists work with colleagues from other countries, they mostly communicate using email, because of this, they need to be good writers in order to work together on things.</p>
The spread of new scientific information. How fast or slow?	It takes about 3 months to 2 years for new scientific information to spread, although it depends on how interesting the discovery is to the public.
What gets in the way of new scientific information spreading	There are two things that most often get in the way of the spread of new scientific information: pop-culture and old information.
Things that were interesting to me.	<p>1) Kids can ALREADY use two of the most important methods that scientists use to discover new scientific information: being curious and being observant!</p> <p>2) The more questions we ask on a survey, the more work we have to do to analyze that data!!!!!!!</p>

So What?

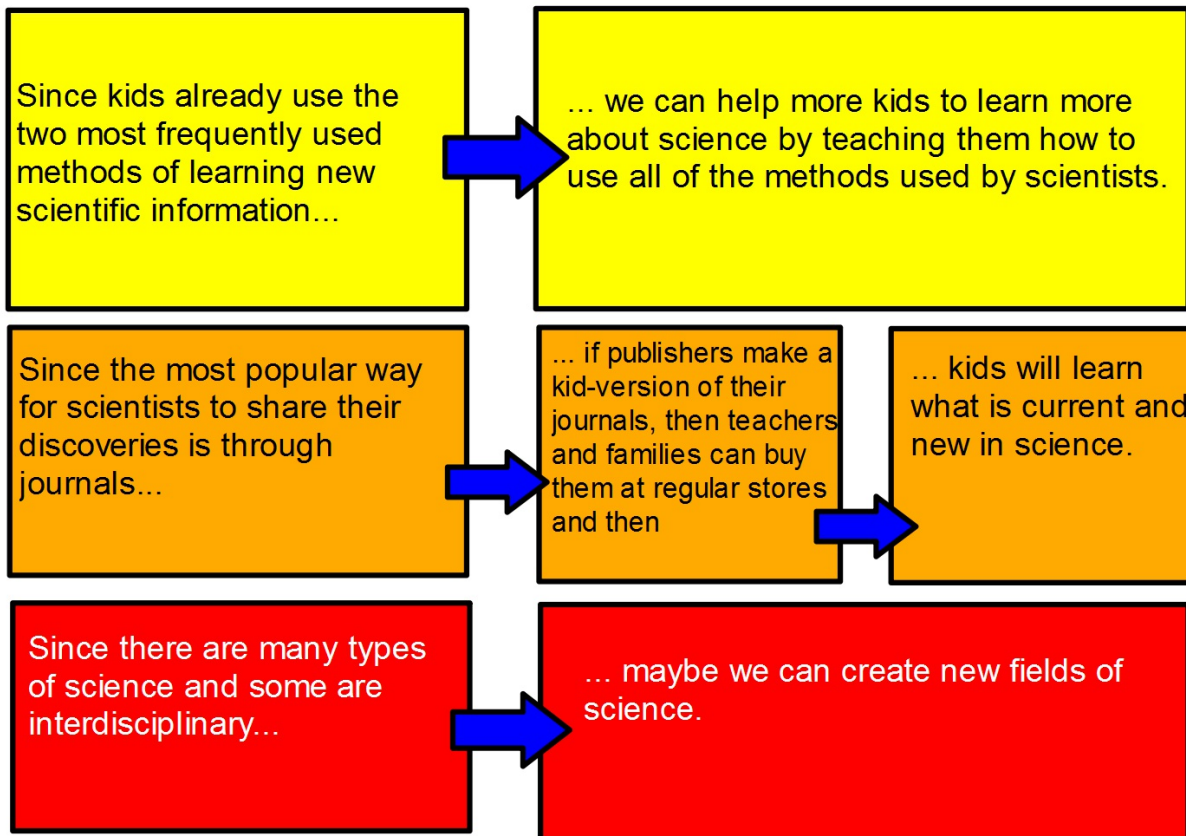


**Why should anyone care about this?
What difference can it make?**

**Realizing these things is important
because...**

Realizing these things is important because...

Realizing this... ...can lead to... ... this happening.



Now What?



**What can I do now that I know this?
What will I do next?
Who else needs to know this?**

Now I can...

Now I can...

Product

Make a model of a "New Science" page in each magazine for kids and send it to the publishers of adult science journals.

Message

Publishers should make a single page that explains what's new in science and ask Kid Magazines to put them in their magazines.

Audience

Publishers of science journals (adult).

Make posters to hang around school about the fields of study in Science.

There are many fields of study in Science.

Kids and families

In the future, there might be even more!



Make posters to hang around school sharing the answers to our science survey questions.

Here's what we learned from the scientists!

LSE School

<p>1 Se</p> <p>Scientists communicate with each other using two tools: _____ and _____.</p> <p>Email Face-to-face meetings</p>	<p>2 SF</p> <p>According to our survey, _____% of scientists work with scientists from other countries.</p> <p>90%</p>	<p>3 EM</p> <p>Scientists say that there are two things that get in the way of people learning about new scientific discoveries: _____ and _____.</p> <p>old scientific information pop culture</p>	<p>4 GS</p> <p>Here at LSE, student can already use the two most popular methods scientists use to discover new things: _____ and _____.</p> <p>curiosity observant</p>	<p>5 LM</p> <p>Many scientists work in _____ fields.</p> <p>Interdisciplinary</p>
<p>6 TC</p> <p>How quickly does NEW scientific information spread?</p> <p>The scientists in our survey said that new information spreads in 3 months - 2 years after a discovery, but it depends on how interesting the information is to the world.</p>	<p>7 DZ</p> <p>New scientific information is discovered mostly through _____.</p> <p>Experimentation</p>	<p>8 Se</p> <p>"Interdisciplinary" fields in science are... For example... Can you think of more?</p>	<p>9 SF</p> <p>Why would only 7% of the scientists in our survey say that scientific information spread "immediately" after a discovery is made?</p> <p>Most scientific information spreads slowly, not "immediately, because the "peer review process" takes 3 months to 2 years to go through.</p>	<p>10 EM</p> <p>Half of the scientists in our survey use _____ to work with other scientists.</p> <p>Skype</p>
<p>11 GS</p> <p>When scientists submit their work to a science magazine (journal), _____ of them are accepted right away.</p> <p>"almost none"</p> <p>explain the process</p>	<p>12 LM</p> <p>Our class has been working on an interesting project.</p>	<p>13 TC</p> <p>To share what we learned from the scientists, we decided to make posters.</p>	<p>14 DZ</p> <p>Here is some data about our data project: - scientists from 6 states participated in our survey. - 49 scientists answered our Survey Monkey survey -</p>	<p>STARTER / WHY</p>

