

Ideas for stimulating oral interaction, reading comprehension and writing in English based on one graph from the popular New York Times Learning Network section called « What's going on in this graph ».

1. Ask students the following question providing three possible responses:
 - a. **« What do you think is the most important factor in measuring success? »**
 - i. Education
 - ii. Hard Work
 - iii. Family wealth or connections

(Allow a few minutes for students to understand the question/choices and to choose their response. After, take a quick poll in the class to see who chose which response and why.)

2. Next, give students a list of 5 countries chosen from the graph you will show them after and ask them to imagine how young people from each country responded to the same question.
 - a. 10-15mn exchange/debate in groups (did you choose the same responses for each country? why or why not?, etc)
 - b. Now, project the graph entitled **« What young people think is the most important factor in determining success »** from the New York Times. The students must answer the following four questions about the graph (first alone, then in groups)
 - I. *What do you notice?*
 - II. *What do you wonder?*
 - III. *How does this relate to you and your community?*
 - IV. *What's going on in this graph? Create a catchy headline that captures the graph's main idea.*

After working alone and answering the 4 questions, exchange answers in a group. Try to create one answer for the group. Can have groups present their ideas one to the other or to the whole class. (You may need to take more or less time explaining the process of answering the questions. In my situation, the students had already worked on a similar graph using the same notice/wonder strategy).

3. Students are now given a chance to verify their hypotheses along with any questions they might have by reading the « Reveal » written in conjunction with the American Statistical Association and published below the graph on the New York Times website. Students can now work on reading the text, answering the comprehension questions and doing various activities related to the contents of the graph.

Links:

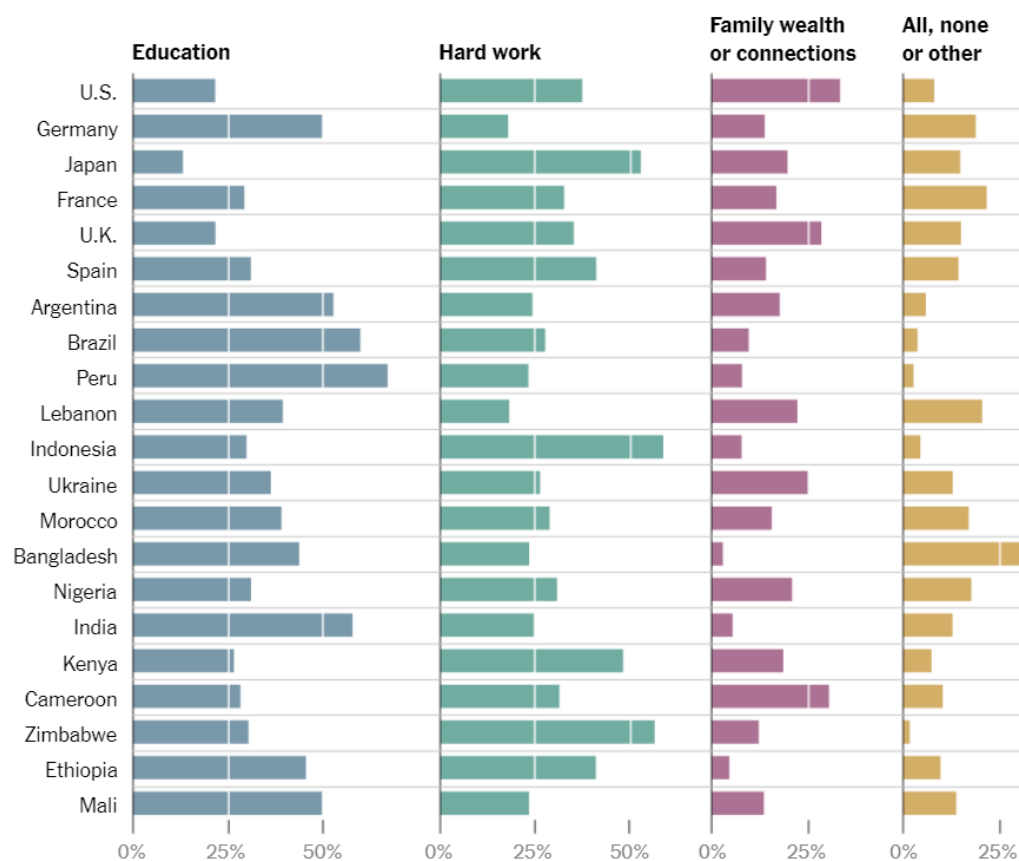
<https://www.nytimes.com/column/whats-going-on-in-this-graph>

<https://www.nytimes.com/2022/03/03/learning/whats-going-on-in-this-graph-march-9-2022.html>

<https://thisisstatistics.org/dvhc-winners-2022/>

What Young People Think is the Most Important Factor in Determining Success

How 15- to 24-year-olds in each country responded.



Note: Countries are sorted from richest to poorest according to a measure of **gross national income per capita** used by the World Bank. • Source: UNICEF-Gallup survey of more than 21,000 people conducted by telephone in 21 countries between February and June 2021.

<https://static01.nyt.com/images/2022/02/28/learning/YoungSuccessGraphLN/YoungSuccessGraphLN-superJumbo.png>

What's going on in this graph ? Questions from the Reveal

Graph from March 4, 2022 :

What young people think is the most important factor in determining success

Go to the WGOITG website on the New York Times and answer the following questions from « the Reveal ».

<https://www.nytimes.com/2022/03/03/learning/whats-going-on-in-this-graph-march-9-2022.html>

1. Where did the graph appear?
2. Explain where the statistics come from.
3. How many questions were in the survey?
4. What was the survey's objective?
5. In the text, we learn that the survey uses a « stratified random sample design ». Explain what this is in your own words.
6. Write down the question used in the telephone or mobile device survey. How are the answer choices different from those displayed in the graph ? Why do you think the choices were « randomized »?
7. Go to <https://changingchildhood.unicef.org/> and visit the The Changing Childhood website. Click on the « Dive In » button and explore one of the subjects presented. Then, compare this website to the report found on Chamilo entitled « The Changing Childhood Project ». Explain positive and negative points for each of these formats. How do you think each format is used differently ?
8. Read the survey from the study (link in the Reveal). Do you notice anything particular about the survey? Say what surprises you about the survey.