**"5 Whys" Causal Analysis**

What are some **possible social issues** you might choose to address in your physical animation?

* Education
* Healthcare

**Select an issue** for you and/or your team to analyze and research:

| Everyone is not able to get an education. |
| --- |

Your answer to the **1st “WHY?”** What 1 to 3 things do you think mostly cause or affect this issue (for better or worse)? ***[Use complete sentences.]***

**Select a main cause** for you personally to analyze and research:

| Education is too expensive in many countries. |
| --- |

| Answer to **2nd “Why?”** (What causes/affects that?)  ***[Use complete sentences.]*** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1. Administrators need more money. | | | | 1. Countries are not funding education. | | | |
| **3rd Why?** (What causes/affects that?)  *[Use complete sentences.]* | | | | **3rd Why?** (What causes/affects that?)  *[Use complete sentences.]* | | | |
| 1. The prices of resources/supplies that people need like food or shelter continue increasing. | |  | | 1. They spend money on other resources that they might think are more important and needed for survival. | |  | |
| **4th Why?**  *[complete sentences]* | | **4th Why?**  *[complete sentences]* | | **4th Why?**  *[complete sentences]* | | **4th Why?**  *[complete sentences]* | |
| 1. There are more limited supplies and it takes more time and money to get these supplies to where they need to get. | 2. | 1. | 2. | 1. | 2. | 1. | 2. |
| **5th Why?** | **5th Why?** | **5th Why?** | **5th Why?** | **5th Why?** | **5th Why?** | **5th Why?** | **5th Why?** |
|  |  |  |  |  |  |  |  |
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***You can copy-and-paste the above tables and repeat the most important parts of the process for any other important main causes you need to still analyze.***

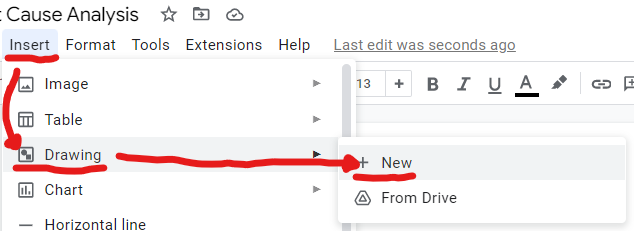
| Which of the above factors do you think has the **biggest impact** on your issue? | Which of the above factors do you think might be **most influenceable** by your physical animation? |
| --- | --- |
| The prices if food, shelter,and other resources needed to survive are going higher. | A factor that might be most influenceable is how the money is spent or how much money is spent for each resource. |

***Copy-and-paste the above tables and repeat the most important parts of the process for any other important main causes.***

# **Web Research**

| Questions and/or gaps in knowledge and understanding |
| --- |
| * What do experts think about people not getting education? * What percent of the world are not able to get an education? |
| Key terms and/or [search queries](https://moz.com/learn/seo/search-operators) related to these questions and/or gaps |
| * Percent of world not getting education * Do experts think education is important? |
| Links to most useful websites explored during web research of these terms and phrases |
| * <https://ourworldindata.org/children-not-in-school#:~:text=The%20share%20of%20children%20who,years%20ago%20this%20was%2016%25>. * <https://www.uopeople.edu/blog/10-reasons-why-is-education-important/> |
| Summary of most important information gained in my own words |
| * 60 million people that are elementary school age, are not in school * Education provides stability * It is something nobody can take away from you * Education provides more career opportunities * Education gives you a financial security |

# **Revised “box-and-arrow” causal diagram of your social issue**



# **Extension**

If your model features important feedback loops, now create a dynamic model using the “loopy” tool

<https://ncase.me/loopy/>

**Link to your interactive model:**

|  |
| --- |



**Select an issue** for you and/or your team to analyze and research:

| Healthcare is not available to everyone. |
| --- |

Your answer to the **1st “WHY?”** What 1 to 3 things do you think mostly cause or affect this issue (for better or worse)? ***[Use complete sentences.]***

**Select a main cause** for you personally to analyze and research:

| Healthcare is too expensive for many to afford. |
| --- |

| Answer to **2nd “Why?”** (What causes/affects that?)  ***[Use complete sentences.]*** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1. There are less people with jobs. | | | |  | | | |
| **3rd Why?** (What causes/affects that?)  *[Use complete sentences.]* | | | | **3rd Why?** (What causes/affects that?)  *[Use complete sentences.]* | | | |
| 1. There are less people that get an education. | |  | |  | |  | |
| **4th Why?**  *[complete sentences]* | | **4th Why?**  *[complete sentences]* | | **4th Why?**  *[complete sentences]* | | **4th Why?**  *[complete sentences]* | |
| 1. People can’t afford to get an education. | 2. | 1. | 2. | 1. | 2. | 1. | 2. |
| **5th Why?** | **5th Why?** | **5th Why?** | **5th Why?** | **5th Why?** | **5th Why?** | **5th Why?** | **5th Why?** |
| They have to choose between food to eat and shelter to live in or getting an education. |  |  |  |  |  |  |  |
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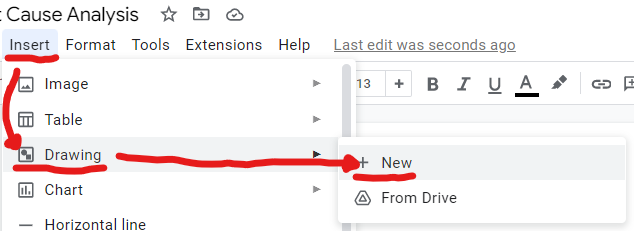
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| The prices if food, shelter,and other resources needed to survive are going higher. | A factor that might be most influenceable is how the money is spent or how much money is spent for each resource. |

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| Key terms and/or [search queries](https://moz.com/learn/seo/search-operators) related to these questions and/or gaps |
| * Percent of world not getting education * Do experts think education is important? |
| Links to most useful websites explored during web research of these terms and phrases |
| * <https://ourworldindata.org/children-not-in-school#:~:text=The%20share%20of%20children%20who,years%20ago%20this%20was%2016%25>. * <https://www.uopeople.edu/blog/10-reasons-why-is-education-important/> |
| Summary of most important information gained in my own words |
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