

# Health

## Quarter 3 – Module 2: Positive Impact of Global Health Initiatives



**Health - Grade 10**  
**Alternative Delivery Mode**  
**Quarter 3 - Module 2: Positive Impact of Global Health Initiatives**  
**First Edition, 2020**

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10

# Health

**Quarter 3 – Module 2:  
Positive Impact of Global  
Health Initiatives**

# **Introductory Message**

This Self-Learning Module (SLM) is prepared so that you, our dear learners, can continue your studies and learn while at home. Activities, questions, directions, exercises, and discussions are carefully stated for you to understand each lesson.

Each SLM is composed of different parts. Each part shall guide you step-by-step as you discover and understand the lesson prepared for you.

Pre-tests are provided to measure your prior knowledge on lessons in each SLM. This will tell you if you need to proceed on completing this module or if you need to ask your facilitator or your teacher's assistance for better understanding of the lesson. At the end of each module, you need to answer the post-test to self-check your learning. Answer keys are provided for each activity and test. We trust that you will be honest in using these.

In addition to the material in the main text, Notes to the Teacher are also provided to our facilitators and parents for strategies and reminders on how they can best help you on your home-based learning.

Please use this module with care. Do not put unnecessary marks on any part of this SLM. Use a separate sheet of paper in answering the exercises and tests. And read the instructions carefully before performing each task.

If you have any questions in using this SLM or any difficulty in answering the tasks in this module, do not hesitate to consult your teacher or facilitator.

Thank you.



## **What I Need to Know**

This module was designed to equip you with the necessary knowledge, skills, and values to achieve competence in sharing your insights and perspectives on the positive impacts of different global health initiatives while maintaining good health, social awareness, and good physical condition.

In the previous module, you have already learned the significance of global health initiatives to the global community which intend to save lives and improve health outcomes. This importance will serve as starting point to identify the impact of the initiatives. In this module it will provide you different activities that will make you aware about the positive impacts of global health initiatives.

Let us check what you know about the positive impact of global health initiatives to various countries.

Are you ready to start? Good luck!



*Illustrated by: Christian Rey Ricarze*

After working on this module, you are expected to:

1. describe how global health initiatives positively impact people's health in various countries (**H10HC-IIIb-c-2**).



## **What I Know**

### **Pretest**

#### **Multiple Choices**

**Directions:** Read the questions and choose the correct answer by writing the letters in your activity notebook.

1. Which among the choices is considered as a positive impact of GAVI's INFUSE?
  - a. immunized millions of children
  - b. tested and treated millions of people with TB
  - c. prevented 10% deaths of children in the last 15 years
  - d. millions of people received antiretroviral therapy for HIV
  
2. Which of the following is NOT a positive impact of WHO's Global Strategy to Reduce the Harmful Use of Alcohol?
  - a. Decreased the rate of suicides in India
  - b. Decreased the rate of homicides in Brazil
  - c. Decreased the rate of motor vehicle crushes in US
  - d. Decreased the rate of mortality linked to alcohol consumption in Russian Federation
  
3. Which among the given choices is an impact made by UNICEF's Strengthening Health System?
  - a. low-income countries became progressive
  - b. all mothers suffering from TB have been treated
  - c. decreased of chronic undernutrition among children below age of five
  - d. countries recorded with high consumption of alcohol was decreased by 80%.
  
4. This pertains to the impact made by UNDP strategic plan against global poverty.
  - a. reduce the number of poor people in the world by over 1 billion
  - b. reduce the number of poor people in the world by over 1 million
  - c. increase the number of rich people in the world by over 1 billion
  - d. increase the number of rich people in the world by over 1 million

5. Which among the global health initiatives created a health impact by immunizing nearly 200 million children since 2016?
  - a. INFUSE
  - b. Digital Health Initiative
  - c. Accelerating the end of AIDS, TB, Malaria as epidemics
  - d. WHO's Global Strategy to Reduce the Harmful Use of Alcohol
6. Which among the given choices is a positive impact of UNICEF's Digital Health Initiative?
  - a. global communities' lives became extremely comfortable
  - b. DHIs have been successful in developing health related technologies
  - c. health systems of rural and urban areas have been completely digitalized
  - d. community health workers and health facility staff have been benefited from digital health platforms
7. This is one of the possible impacts of Strengthening Health Systems initiatives if implemented properly.
  - a. Increase in child morbidity
  - b. Reduce maternal mortality
  - c. Instant detection of diseases
  - d. Develop vaccines for neglected diseases
8. This was one of the positive outcomes when Taiwan implemented the programs taken from the Alliance of Healthy Cities?
  - a. was able to make a stable organization
  - b. was able to develop a well-organized framework
  - c. was able to make partnerships from other nations
  - d. was able to promote participation and engagement in their communities
9. Which is NOT a result of Global Fund initiative - Accelerating the end of AIDS, TB, Malaria as epidemics?
  - a. millions of people were tested and treated for TB.
  - b. millions of people received antiretroviral therapy for HIV
  - c. millions of mosquito nets were distributed to protect families from malaria
  - d. the number of children dying before the age of five years has almost halved
10. Which global health initiative made an impact of averting 22 million deaths caused by smoking?
  - a. INFUSE
  - b. WHO-FCTC
  - c. Digital Health Initiative
  - d. Alliance of Healthy Cities



**Module  
2**

# **Positive Impact of Global Health Initiatives**



## **What's In**

Global health initiatives tackle increasing global health threats, reducing disparities within communities and among nations contributing to making a world where people live healthier and safer.

This module presents the positive impacts on the implementation of the different global health initiatives that will make the lives of people around the globe improved. That through this initiatives, high quality health care shall be provided in collaboration with local partners to strengthen health systems in developing countries.

In this module, you will know how the global health initiatives have positively given impact to people's health in various countries.



## **What's New**

### **Activity 1: My Perspective**

**Directions:** Choose three global health initiatives previously discussed and foresee their possible impacts to our country if implemented properly and strictly. Copy the table below in your activity notebook and write your chosen global health initiatives in the first column and your predictions in the second column. Make your predictions clear and specific.

<b>Global Health Initiatives</b>	<b>Predictions</b>
1.	
2.	
3.	

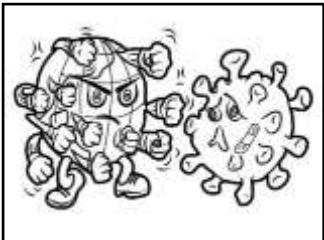


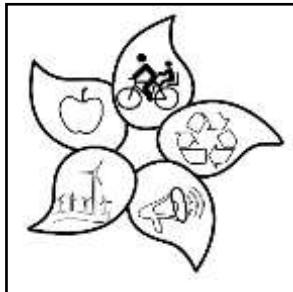
## What is It

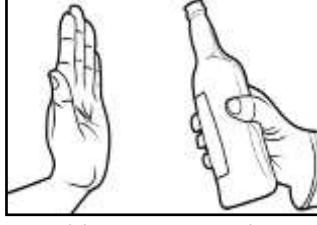
The role of Global health initiatives is to ultimately strengthen local partnership to better serve their own communities.

The table briefly presents the different global health initiatives in column 1 while column 2 discusses the positive impacts of the identified initiatives. It should be noted that these impacts are data coming from the website of those health initiatives. Please take note of these impacts since there will be questions to follow to test your understanding.

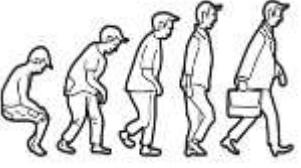
You can also search for more information at the different websites of the said global initiatives.

1. Global Fund	
Health Initiatives	Positive Impacts
<p>Accelerating the end of AIDS, TB, malaria as epidemics</p>  <p><i>Illustrated by: Jerson Rod A. Acosta</i></p>	<p>The <i>Results Report 2019</i> shows great progress against some of the biggest challenges in the fight against the three diseases achieved in countries where the Global Fund invested:</p> <ul style="list-style-type: none"><li>• 18.9 million people received antiretroviral therapy for HIV.</li><li>• 719,000 HIV-positive mothers received medicine to keep them alive and prevent transmitting HIV to their babies.</li><li>• 5.3 million people tested and treated for TB.</li><li>• 131 million mosquito nets distributed to protect families from malaria.</li></ul> <p>In Rwanda in east Africa, the Global Fund has supported the expansion of community health insurance coverage for 3.3 million people on low incomes, including approximately 300 000 people living with HIV/AIDS and 150 000 orphans.</p> <p>About one-third of expenditures supported by the Global Fund are already devoted to upgrading health-care infrastructures and to training and capacity building for health-care personnel.</p>

<b>1. Global Alliance for Vaccines and Immunizations (GAVI)</b>	
<b>Health Initiatives</b>	<b>Positive Impact</b>
<p>Innovation for Uptake, Scale and Equity in Immunization (INFUSE)</p>  <p><i>Illustrated by: Jerson Rod A. Acosta</i></p>	<p>Since 2016, GAVI has immunized nearly 200 million children and are ahead of reaching 300 million children by 2020.</p> <p>The breadth of protection has increased, by 10 percentage points in the last year alone and 21 percentage points since the beginning of the strategy period.</p> <p>Since its inception in 2000, Gavi-supported immunization programmes in Africa have helped avert 7.5 million deaths.</p> <p>Over 250 million children were immunized with pentavalent vaccine (diphtheria, tetanus, pertussis, Hep B and Hib) since 2000.</p> <p>Since inception, nearly 130 million children were immunized with pneumococcal vaccine against the leading cause of pneumonia.</p> <p>Nearly 78 million children were immunized since 2000 with rotavirus vaccine against the leading cause of severe diarrhea.</p> <p>Over 3.1 million girls in Africa have been immunized against human papillomavirus (HPV), which is the main cause of cervical cancer.</p>
<b>2. World Health Organization (WHO)</b>	
<b>Health Initiatives</b>	<b>Positive Impact</b>
<p>Alliance for Healthy Cities</p>  <p><i>Illustrated by: Jerson Rod A. Acosta</i></p>	<p>The first Healthy Cities Programs were launched in developed countries (i.e. Canada, USA, Australia, many European nations). The programs have proven successful in increasing understanding of health and environment linkages and in the creation of intersectoral partnerships to ensure a sustainable, widespread programs.</p> <p>Taiwan was able to develop a well-organized framework and model to encourage strong leadership in local governments and to promote participation and engagement in their communities.</p>

<p>WHO Framework Convention on Tobacco Control (WHO-FCTC)</p>  <p><i>Illustrated by: Jerson Rod A. Acosta</i></p>	<p>Nearly 22 million future premature smoking-attributable deaths were averted because of strong implementation of demand-reduction measures adopted by countries between 2007 and 2014.</p> <p>In Kenya since 2013, there has been 20% increase in Tobacco tax revenues due to new regulations. Between 2001 and 2007, the proportion of currently smoking students who wanted to stop smoking increased.</p> <p>The budget for health in the Philippines has increased, particularly for universal health care after raising the tax imposed to cigarette.</p>
<p>WHO's Global Strategy to Reduce the Harmful Use of Alcohol</p>  <p><i>Illustrated by: Jerson Rod A. Acosta</i></p>	<p>The United States saw a 16% median decline in motor vehicle crashes.</p> <p>Brazil reduced the opening hours of bars from 24 hours a day to closure at 11 pm was associated with a 44% drop in homicides.</p> <p>The Russian Federation implemented alcohol control measures in 2003. By 2016, recorded consumption of alcohol had fallen by 40%. Over the same period all-cause mortality dropped by 39% in men and 36% in women, with the sharpest decline in causes of death linked to alcohol consumption.</p> <p>In 2019, the WHO European region is the only region that has a significant reduction on alcohol per capita consumption which surpassed a 10% relative reduction in comparison with 2010.</p>

### 3. United Nations Development Program (UNDP)

Health Initiatives	Positive Impact
<p>UNDP Strategic Plan</p>  <p><i>Illustrated by: Jerson Rod A. Acosta</i></p>	<p>Global poverty has fallen from 35 per cent in 1990 to under 10 per cent in 2016, reducing the number of poor people in the world by over 1 billion.</p> <p>Panama achieved high-income status in 2018, leading to a decline in core regular resources from UNDP</p>

	<p>Malaysia's commitment to women's rights and gender equality has developed over time in both the domestic and international arenas. The country effectively responded to human development challenges and reduced inequalities with the help of UNDP.</p>
<b>4. United Nations International Children's Fund (UNICEF)</b>	
<b>Health Initiatives</b>	<b>Positive Impact</b>
<p>Digital Health Initiative (DHI)</p>  <p><i>Illustrated by: Jerson Rod A. Acosta</i></p>	<p>UNICEF has harnessed the power of ICT to support countries to ensure that every child survives and thrives.</p> <p>Around the world, 85.8 million mothers, community health workers, vaccinators, and health facility staff in 18 countries have benefited from digital health platforms and the communities they connect to the health system.</p> <p>In October 2018, more than 37 million Pakistan children received measles vaccination during a 12-day supplementary immunization campaign, using real-time monitoring powered by RapidPro, according to government reports.</p> <p>As of December 2019, in Bangladesh, initial results indicate that 89 per cent of registered pregnant women using the real-time monitoring by Rapidpro have received antenatal care and 99 percent reported satisfaction with those services; and 91 per cent of registered lactating women received postnatal care and 97 reported that they are satisfied with that support.</p>
<p>Strengthening Health Systems (SHS)</p>  <p><i>Illustrated by: Jerson Rod A. Acosta</i></p>	<p>Since 1990, through the UNICEF Health Systems Strengthening Approach remarkable gains have been made in improving outcomes for children and women. The number of children dying before the age of five years has almost halved and similar progress has been made in maternal mortality.</p> <p>Stunting (chronic undernutrition) among children below age five decreased from 40 per cent in 1990 to 25 percent in 2013.</p>

	<p>However, stunting continues to affect an estimated 161 million children globally.</p> <p>In Afghanistan, nearly 1.2 million children under one year receive life-saving vaccines.</p> <p>On a yearly basis, 6 million pregnant women receive vaccines that prevent nine diseases.</p> <p>In 2020, 50,364 pregnant women and 79,362 children who live more than two hours away from a health facility received essential health care through mobile health teams.</p>
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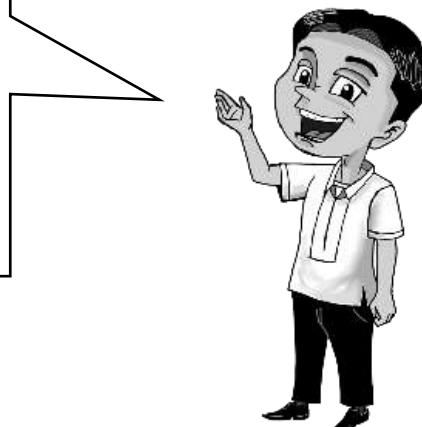
There are notable positive impacts of the different global health initiatives that are felt in the various countries around the world. These impacts prove that the initiatives are making their mark in improving the health status of countries around the world.

Please take note that you can still read more on updates relevant to the positive impacts of these initiatives via references and the web.



## **What's More**

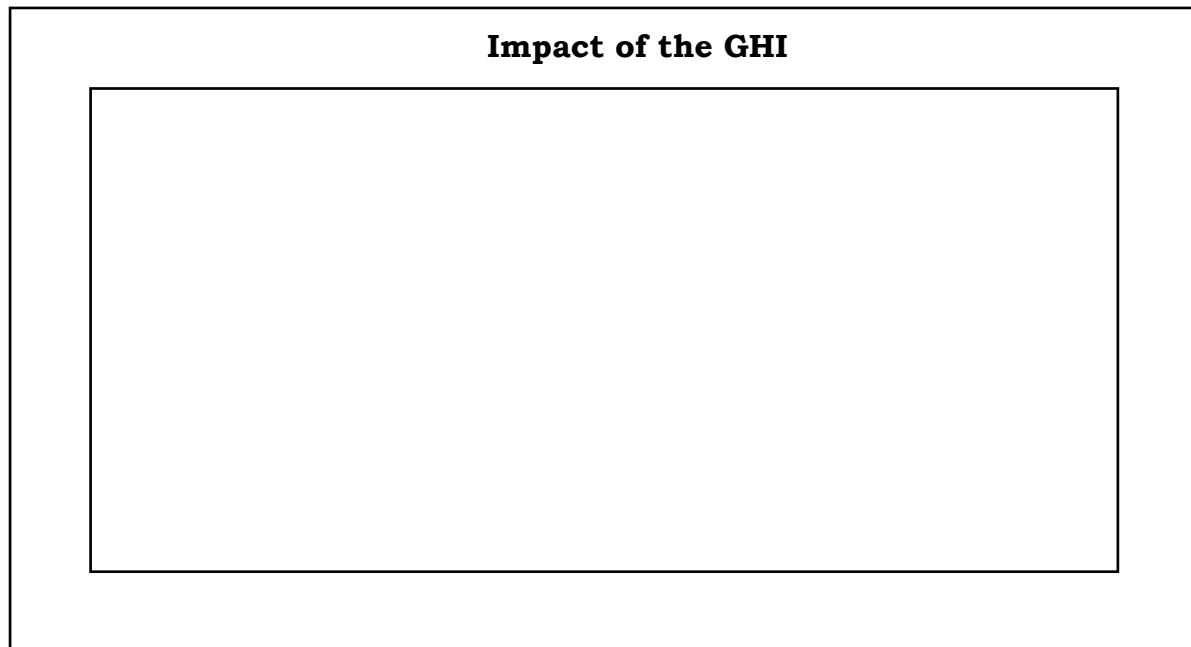
Good Job! Now that you are already familiar with the positive impacts of global health initiatives to the world. Let us check how far you have made it. Did the activities and assessments work for you? Let's us continue then.



*Illustrated by: Christian Rey Ricarze*

### **Activity: Impact of the GHI**

**Directions:** From the different global health initiatives presented, choose one and be able to make a poster on the positive impact of such to community. You can use situations that depict the positive impact. Please also color your poster to make it more appealing.

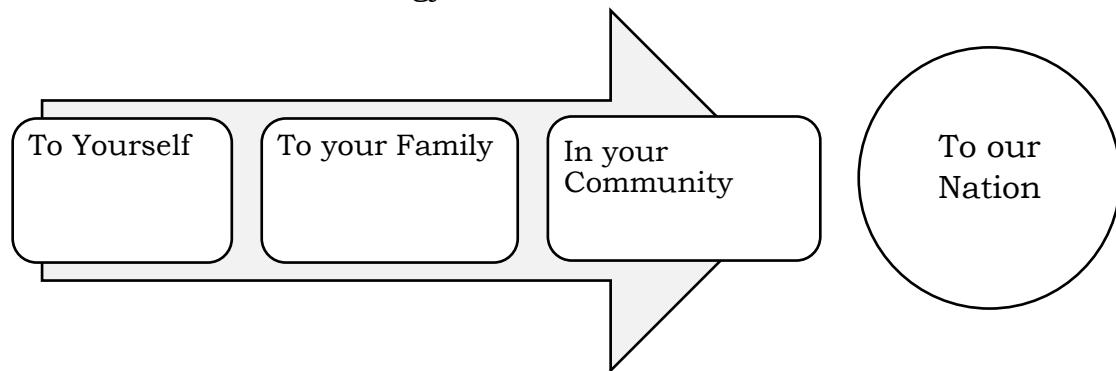


### **Assessment: Chain Reaction**

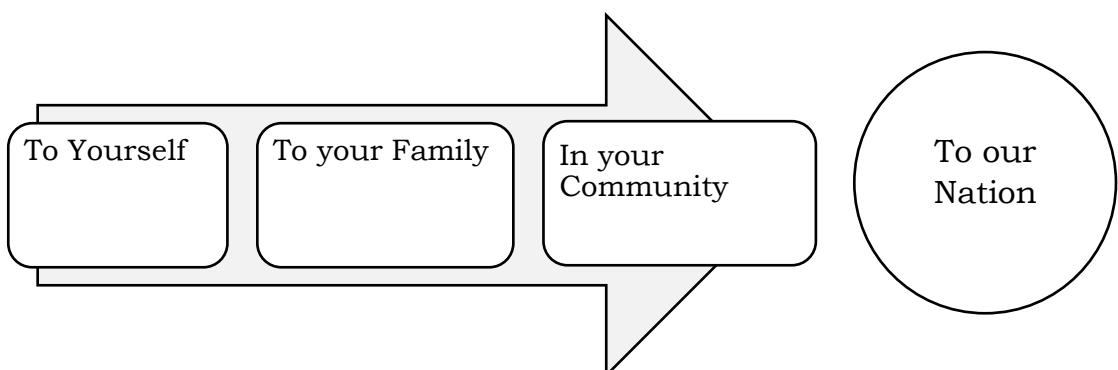
**Direction:** Complete the diagrams with your ideas and perspectives by answering the question below. Write your answers in your activity notebook.

Alcoholism and smoking among students are two of the most pressing issues they are facing today. With this, what will be the positive impacts of the WHO's Global Strategy to Reduce the Harmful Use of Alcohol and WHO's Framework Convention on Tobacco Control to students like you if such initiative is successfully implemented?

- a. WHO's Global Strategy to Reduce the Harmful Use of Alcohol



b. WHO's Framework Convention on Tobacco Control



## ***What I Have Learned***

Global health initiatives made a huge impact in facing and addressing different health trends, concerns and issues around the globe. Problems on insufficient vaccination, uncontrolled alcohol consumption, insufficient funds, among others are gradually being addressed by the different Global Health Initiatives.



## ***What I Can Do***

### **Let's Dig More!**

#### **Presidential Speech**

If you were the President of the Philippines who cares about the welfare of the nation, how would you encourage the government and its people to follow and commit themselves in the attainment of the global health initiatives by the different health organizations?

Make a motivational speech encouraging people to involve themselves in achieving the goals of the different global health initiatives and ensure positive outcomes. Write your speech in your activity notebook in three (3) paragraphs with no less than 500 words.



*Illustrated by: Christian Rey Ricarze*



## Assessment

### Posttest

#### Fill in the blanks

**Directions:** Carefully read each statement and fill in the blank with the correct answer. Choose your answers from the box below. Write your answers in your activity notebook.

- |   |  |
|---|--|
| <ul style="list-style-type: none"><li>• Well-organized framework</li><li>• homicides</li><li>• digital health platforms</li><li>• 1 billion</li><li>• Motor vehicle crushes</li></ul> | <ul style="list-style-type: none"><li>• 85.8 million</li><li>• halved</li><li>• community health insurance</li><li>• 5.3 million</li><li>• demand-reduction measures</li></ul> |
|---|--|

1. Digitization has also penetrated the world of health. \_\_\_\_\_ remind parents about actions to keep their babies healthy in the first 1,000 days of life.
2. Around the world, \_\_\_\_\_ mothers, community health workers, vaccinators, and health facility staff in 18 countries have benefited from digital health platforms.
3. The number of children dying before the age of five years has almost \_\_\_\_\_ since the implementation of SHS initiative.
4. Taiwan was able to develop a \_\_\_\_\_ and model to encourage strong leadership in local governments.
5. Brazil reduced the opening hours of bars from 24 hours a day to closure at 11 pm was associated with a 44% drop in \_\_\_\_\_.
6. Nearly 22 million future deaths were averted because of strong implementation of \_\_\_\_\_ adopted by countries between 2007 and 2014.
7. In Rwanda, East Africa, the Global Fund has supported the expansion of \_\_\_\_\_ coverage.
8. Global poverty has fallen from 35 per cent in 1990 to under 10 per cent in 2016, reducing the number of poor people in the world by over \_\_\_\_\_.
9. The United States saw a 16% median decline in \_\_\_\_\_.
10. The Global Fund results report 2019 recorded \_\_\_\_\_ people tested and treated for Tuberculosis.

### **Constructed Response**

**Directions:** Read and analyze the following questions. Write your answers briefly but substantially in your activity notebook.

1. How do global health initiatives affect the health of people around the world?
2. What would be one global health initiative that you will localize for adoption in your community? Why?
3. If you happen to talk to your barangay captain and his councilmen, what would you do to inform them further of the positive impacts of the health initiatives?



### ***Additional Activities***

**Search for more!**

**Direction:** Other than the global health initiatives covered in this module, look for 2 more initiatives from other global health organizations that were adopted or currently being implemented in the Philippines. Share your insights on how our government implemented them and state some of their positive impacts in our country. Write your answer in your activity notebook.

**Congratulations! You're done.**

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## Answer Key

**What I Know**

Activity: **What's More**

NOTE: Answer of the students may vary.

**What's New**

Activity 1: **My Perspective**

NOTE: Answer of the students may vary.

**Multiple Choice**

1. a  
2. a  
3. c  
4. a  
5. a  
6. d  
7. b  
8. b and d  
9. d  
10. b

**Pretend**

**Assessment: Chain Reaction**

NOTE: Answer of the students may vary.

**Let's Dig More**

**What I can do**

**Assessment: My Healthy City**

NOTE: Answer of the students may vary.

**What's More**

**Assessment: My Healthy City**

NOTE: Answer of the students may vary.

**Multiple Choice**

1. Digital health platforms  
2. 85.8 million  
3. Halved  
4. Well-organized framework  
5. homicides  
6. demand-reduction measures  
7. community health insurance  
8. 1 billion  
9. motor vehicle crashes  
10. 5.3 million

**What I Know**

Activity: **What's More**

NOTE: Answer of the students may vary.

**Multiple Choice**

1. Digital health platforms  
2. 85.8 million  
3. Halved  
4. Well-organized framework  
5. homicides  
6. demand-reduction measures  
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8. 1 billion  
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**Pretend**

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NOTE: Answer of the students may vary.

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**What I can do**

**Assessment: My Healthy City**

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**What's More**

**Assessment: My Healthy City**

NOTE: Answer of the students may vary.

**Multiple Choice**

1. a  
2. a  
3. c  
4. a  
5. a  
6. d  
7. b  
8. b and d  
9. d  
10. b

**Constructed Response**

NOTE: Answer of the students may vary.

**Assessment**

**Fill in the blanks**

1. Digital health platforms  
2. 85.8 million  
3. Halved  
4. Well-organized framework  
5. homicides  
6. demand-reduction measures  
7. community health insurance  
8. 1 billion  
9. motor vehicle crashes  
10. 5.3 million

**For inquiries or feedback, please write or call:**

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