**Biology** **Stein High** **Teacher Ranvir Gill**

**Distance Learning** **April – Assignments 1, 2 & 3** **Student Name:_____**

**Email: rgill@tusd.net**

**Zoom Virtual Meeting: Monday – Thursday (April 6- April 9)**

**Ranvir Gill is inviting Parents and students to a scheduled Zoom meeting.**

**Topic: Questions about Biology, Human Physiology and Advisory/ Vision classwork**

**Time: Apr 6, 2020 12:00 PM Pacific Time (US and Canada)**

**Every day, until Apr 9, 2020, 4 occurrence(s)**

**Apr 6, 2020 12:00 PM**

**Apr 7, 2020 12:00 PM**

**Apr 8, 2020 12:00 PM**

**Apr 9, 2020 12:00 PM**

**Please download and import the following iCalendar (.ics) files to your calendar system.**

**Daily: https://us04web.zoom.us/meeting/u50td-mgpz8scSvbmXH-u3TM4Z7wVpljww/ics?icsToken=98tyKu-hrjsqEt2RtlyCArItW4HqbuG5kXJ9vKFQpDeoFnNnT1fMYfV0Ir51B8-B**

**Join Zoom Meeting**

**https://us04web.zoom.us/j/690008946?pwd=dDJlOVIzZEtpeFd6WUJ4Q21tVzdKdz09**

**Meeting ID: 690 008 946**

**Password: 774674**

**Directions for the Assignments** **Total Credits - 3**

- **Complete Pages 3 – 4 by April 8 – 15 lessons**
- **Complete Page 5 by April 13 – 15 lessons**
- **Complete Page 6 by April 17 – 15 Lessons**
- **Assignment numbers are on the 2nd line on page 1**
- **Make sure to put your name on every page**
- **You may use google docs or paper assignment to complete these assignments**
- **These worksheets will be graded**
- **Score of at least 60% is required to earn full credit for each assignment**

Read/ refer this chart and answer the following questions.

| Country, Other | Total Cases | New Cases | Total Deaths | New Deaths | Total Recovered | Active Cases | Serious, Critical | Tot Cases/ 1M pop | Deaths/ 1M pop | Reported 1st case |
|---|---|---|---|---|---|---|---|---|---|---|
| World | 912,565 | +54,246 | 45,541 | +3,239 | 191,826 | 675,198 | 34,857 | 117.1 | 5.8 | Jan 10 |
| USA | 205,036 | +16,506 | 4,516 | +463 | 8,745 | 191,775 | 4,888 | 619 | 14 | Jan 20 |
| Italy | 110,574 | +4,782 | 13,155 | +727 | 16,847 | 80,572 | 4,035 | 1,829 | 218 | Jan 29 |
| Spain | 102,136 | +6,213 | 9,053 | +589 | 22,647 | 70,436 | 5,872 | 2,185 | 194 | Jan 30 |
| China | 81,554 | +36 | 3,312 | +7 | 76,238 | 2,004 | 466 | 57 | 2 | Jan 10 |
| Germany | 76,544 | +4,736 | 858 | +83 | 18,700 | 56,986 | 3,405 | 914 | 10 | Jan 26 |
| France | 52,128 | | 3,523 | | 9,444 | 39,161 | 5,565 | 799 | 54 | Jan 23 |
| Iran | 47,593 | +2,988 | 3,036 | +138 | 15,473 | 29,084 | 3,871 | 567 | 36 | Feb 18 |
| UK | 29,474 | +4,324 | 2,352 | +563 | 135 | 26,987 | 163 | 434 | 35 | Jan 30 |
| Switzerland | 17,137 | +532 | 461 | +28 | 2,967 | 13,709 | 348 | 1,980 | 53 | Feb 24 |
| Turkey | 15,679 | +2,148 | 277 | +63 | 333 | 15,069 | 847 | 186 | 3 | Mar 09 |
| Belgium | 13,964 | +1,189 | 828 | +123 | 2,132 | 11,004 | 1,088 | 1,205 | 71 | Feb 03 |
| Netherlands | 13,614 | +1,019 | 1,173 | +134 | 250 | 12,191 | 1,053 | 795 | 68 | Feb 26 |
| Austria | 10,585 | +405 | 146 | +18 | 1,436 | 9,003 | 215 | 1,175 | 16 | Feb 24 |
| S. Korea | 9,887 | +101 | 165 | +3 | 5,567 | 4,155 | 55 | 193 | 3 | Jan 19 |
| Canada | 9,489 | +877 | 108 | +7 | 1,445 | 7,936 | 120 | 251 | 3 | Jan 24 |
| Portugal | 8,251 | +808 | 187 | +27 | 43 | 8,021 | 230 | 809 | 18 | Mar 01 |
| Brazil | 5,923 | +206 | 206 | +5 | 127 | 5,590 | 296 | 28 | 1.0 | Feb 24 |

Q1. What is COVID 19? Why it is a pandemic?

Q2. How many total cases have been reported in the world, USA, Italy, Spain, China, Germany, France and UK? (Refer Total Cases column)

Q3. How many total COVID 19 cases have recovered in the world? **(Refer total recovered column)**

Q4. How many COVID 19 cases have recovered in USA, Switzerland, South Korea, UK, Canada, Portugal and Brazil? **(Refer total recovered column)**

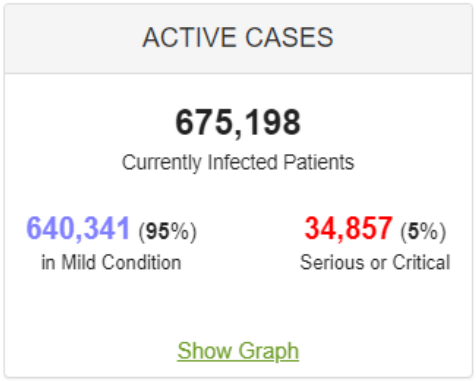
Q5. When was the 1st COVID 19 case reported in China, USA, Canada, UK, and S. Korea? **(Refer the last column)**

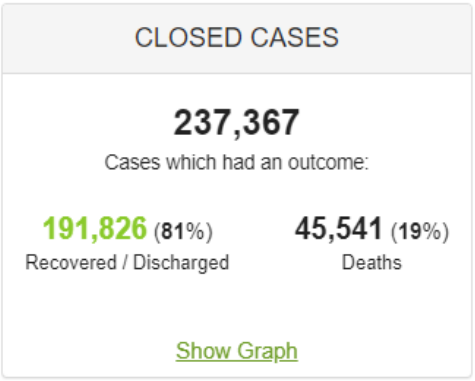
Q6. Share your views how we can limit/ control the spread of COVID 19 in USA and around the world? **(Draw and explain in 50 words)**

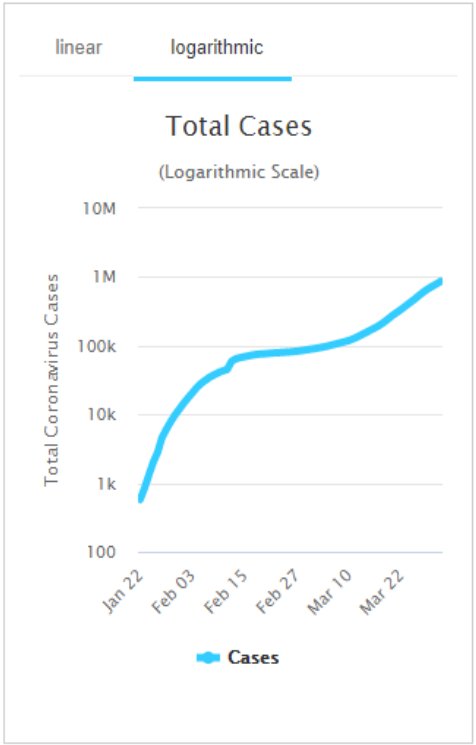
| | |
|---|---|
| Why it is important to eat healthy Food? | Why it is important to wash hands? |
| Why it is important stay at home? | Why it is important to self-quarantine? |

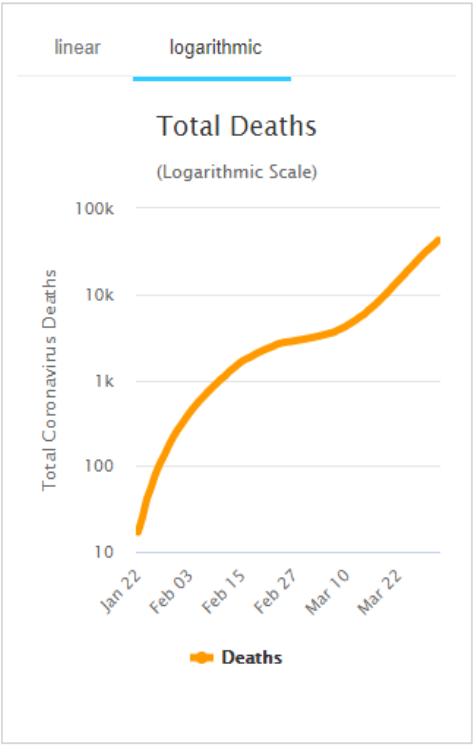
**Refer the following figures, numbers and graphs to answer the questions:**

| | |
|---|---|
| **Q1. How many current COVID cases are in mild condition or serious condition?** | **Q2. How many COVID 19 cases have recovered?** |
| **Q3. How many total COVID 19 cases were reported on January 22, Feb 3, Feb 15, Feb 27, March 10 and March 22?** | **Q4. How many deaths were reported on February 3, Feb 15, Feb 27, March 10 and March 22?** |




If someone is sick in your family how you can help them and take care of yourself and your siblings?

You may Go online - https://www.cdc.gov/coronavirus/2019-ncov/if-you-are-sick/steps-when-sick.html

Prevent Getting Sick



You can take steps to protect yourself and others during a COVID-19 outbreak.

- The virus is thought to spread mainly from person-to-person.
- There is currently no vaccine to prevent coronavirus disease 2019 (COVID-19).
- **The best way to prevent illness is to avoid being exposed to this virus.**

COVID-19 is a new disease and **we are still learning how it spreads**, the severity of illness it causes, and to what extent it may spread in the United States.

**Person-to-person spread**

The virus is thought to spread mainly from person-to-person.

- Between people who are in close contact with one another (within about 6 feet).
- Through respiratory droplets produced when an infected person coughs or sneezes. These droplets can land in the mouths or noses of people who are nearby or possibly be inhaled into the lungs.

Q3 - **Share your ideas how you are keeping yourself, your family and your pets safe from COVID 19? (Draw & share your ideas in 50 words)**

| Draw | Write |
|---|---|
| | |