**The Great Computer Challenge, 2019**

***Desktop Publishing, Level II***

# **Background**

|  |  |
| --- | --- |
|  | **One in nine people do not have access to safe water** |

**WATER FOR LIFE**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **70% of the earth is water**  **3% is fresh water** |  | **65% of your body is water**  **1% of fresh water is drinkable** |

Water regulates the Earth’s temperature and the temperature of your body. It is difficult to live more than three days without water.

**WATER FOR PRODUCTS**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **70% of fresh water is used for agriculture**  **2,700 liters of water to make a cotton T-shirt** |  | **3 liters of water to make a 1 liter water bottle**  **1,000 years for that bottle to biodegrade** |

Water may be a renewable resource but human needs and activities make water limited. What can you do to save water?

# **Guidelines & Requirements**

Desktop publishing uses software to organize information and create documents. Your team will be judged on your message, layout, and details of your work.

# **Challenge 1**

Create a poster to help your classmates learn how to save water:

* Include a main message and at least three ways to save water at school and/or home
* Use space, graphics, and color to draw attention to your information
* Be accurate and original to catch and keep the reader’s attention

# **Challenge 2**

Design a sticker to pass out to friends and family to promote your message about the importance of saving water.

# **Judging Criteria**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **RUBRIC** | **5** (25 points) | **4** (20 points) | **3** (15 points) | **2** (10 Points) | **1** (5 points) |
| **Message/ Information** | Provides **clear** message and **excellent** information on topic | Provides **related** message and **good** information on topic | Provides **satisfactory** message and **sufficient** information | Provides **unclear** message and **little** information | Provides **unrelated** message and  **off topic** information |
| **Organization/ Layout** | Is well organized and **appealing** to the eye, **pleasure to read** | Is organized and arranged logically, **balanced** and **easy to read** | Has some organization, **unbalanced** layout but **readable** | Has **little** organization, layout **difficult to read** | Has **confusing** organization and layout, **do not want to read** |
| **Spelling/ Grammar** | Contains **no** spelling or grammar errors | Contains **one** spelling or grammar error | Contains **two** spelling or grammar errors | Contains **three** spelling or grammar errors | Contains **many** spelling or grammar errors |
| **Creativity/ Detail** | Incorporates **imaginative** elements and **artistic** detail | Incorporates **relevant** elements and **important** detail | Incorporates **average** elements and **some** detail | Incorporates **distracting** graphic elements, **insufficient** detail | Incorporates **no** elements and **poor** attention to detail |
|  |  |  |  |  |  |

# **SOL Correlation**

* K7. Basic needs for life
* 1.8 Natural resources are limited
* 2.5 Living things as part of a system
* 3.9 Importance of water cycle for plant and animal life
* 4.9 Virginia natural resources- plants, animals, watersheds, water resources, minerals, rocks
* 5.6 Ocean environment

***Have fun and thanks for participating in the Great Computer Challenge 2019!***