

Subject: Math Week.






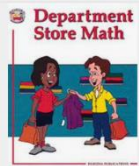


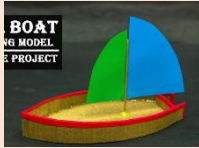
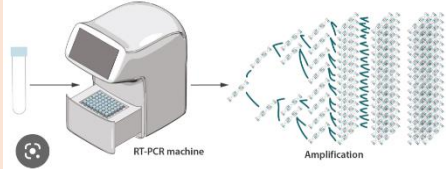

Dear Parents,
Greetings from CPS.

We at Crown Private School have planned to organize a Math Week from the **9th January – 13th January 2023**. Students will create inter-disciplinary projects/models in school. The respective math teachers will update all the required materials to be brought during this week. Students can start bringing in materials on or before **Friday, 6th January,2023**. Please note that this project carries 10 marks and rubrics is attached below and will be sent through ClassDojo as well. These projects would be displayed in school on **Friday, 13th January 2023** as an exhibition.

Here is an overview of the list of events during the week (9th January – 13th January, 2023):

| Event | Grade | Date |
|--|-----------------|--|
| <u>Class Projects</u> | | |
| Students will prepare inter-disciplinary projects that connects various subjects with Mathematics. All projects will be completed in school under the guidance of math and other subject teachers. | Pre-KG to Gr 12 | 6th January – 12th January 2023. |
| <u>Inter-School Math Quiz Competition</u> | | |
| Round 1: All students will be participating | Gr 4 to Gr 8. | Thursday, 12th January, 2023. |
| Round 2: Qualifiers from Round 1. | Gr 4 to Gr 8. | Dates will be announced soon. |
| <u>Intra-School Mental Math Competition</u> | | |
| Round 1: All students will be participating | Gr 1 to Gr 8 | Thursday, 5th January, 2023. |
| Round 2: Qualifiers from Round 1. | Gr 1 to Gr 8 | Thursday, 12th January, 2023. |
| <u>Intra-School Quiz Competition</u> | | |
| Round 1: All students will be participating | KG1 & KG2 | Thursday, 5th January, 2023. |
| Round 2: Qualifiers from Round 1. | KG1 & KG2 | Thursday, 12th January, 2023. |
| <u>Math Games Corner</u> | | |
| Game rooms | Pre-KG to Gr 12 | 9th January – 13th January, 2023. |
| <u>Math Exhibition</u> | | |
| All students' projects will be displayed in school. | Pre-KG to Gr 12 | Friday, 13th January, 2023. |
| <u>Fashion Show</u> | | |
| Students can dress up using different math objects as shown in the images below for the Math Fashion Show. | Pre-KG to Gr 4 | Friday, 13th January, 2023. |

Below mentioned is a list of the projects that students would be creating in class:

| Grade | Project Name | Exemplars |
|------------|---|---|
| Pre-KG | <u>Carrefour at CPS:</u> Students will create a mini super market to develop entrepreneur skills. |  |
| KG1 – KG2 | <u>Math Corner.</u> Students will create a Math Garden. This Garden will have Math related areas and interesting activities for students to enjoy. |  |
| Grade 1 | <u>Creating a Place Value Chart</u> This will give an opportunity to the students to relate shapes to real-life. |  |
| Grade 2 | <u>Create an ATM Machine.</u> Students will use the ATM machine to deposit and withdraw cash. Students will complete a Tally or Add their amounts to check how much was deposited and withdrawn. |  |
| Grade 3 | <u>Giant 3D shapes:</u> Students will be using their knowledge of 2D and 3D shapes to create different projects like Treehouse Construction, Geometric Dream House, building a 3D Castle from juice boxes, cereal boxes and taking selfie with UAE landmarks that has 2D or 3D shapes for Selfieometry. |  |
| Grade 4 | <u>Math Departmental Store.</u> This will give an opportunity for students to develop their entrepreneur skills. |  |
| Gr 5 & 6 | <u>Math Globe:</u> A research project on different continents and oceans in the world relating to fractions and percentages. |  |
| Grade 7 | <u>Project on Fractions and Percentages:</u> A research project on importance of healthy eating across school. |  |
| Grade 8 | <u>Project on Angles and Construction:</u> Students use the engineering design process to design and build a sailboat to carry a mass across a set distance. |  |
| Gr 9 & 10 | <u>Grade 9 and 10- Testing and Analysis on PCR MACHINE.</u> Calculate the volume of the liquid that goes into the PCR machine. The volume of the PCR machine will also be calculated. |  |
| Gr 11 & 12 | <u>Working model on Pythagoras theorem</u> Students will be involved in making a working model to prove Pythagoras theorem. |  |

Rubric is as follows:

| Skills | Criteria | | | |
|---|--|--|--|--|
| | 10-8 | 7-6 | 4-5 | 0-3 |
| Math knowledge & understanding | Students showcase excellent math skills and create an innovative project above expectations. | Students showcase good math skills and create an innovative project that meets expectations. | Students showcase fair math skills and create an innovative project that meets expectations. | Students showcase poor math skills and creates a project below expectations. |
| Creativity and Originality | Project completed with total originality. Project explained through experimentation. | Project completed but not completely unique. Project explained logically. | Project completed, but not original. Average problem-solving skills displayed. | Project incomplete and no evidence of any experimentation. |
| Effort and Perseverance | Project completed with maximum effort, student put in their best effort. | Project completed with hard work, but details are lacking. | Project completed with minimum effort/ met minimum requirements with no extra effort. | Project incomplete/ completed after constant reminders. |
| Attitude and Responsibility | Student worked enthusiastically, mentored others with responsibility. | Student worked enthusiastically and worked independently. | Student was less independent and needed constant reminders and complete the given task. | Student has shown an irresponsible behavior towards the completion of project. |