**Teacher** Chan  **Subject** Math 8 **Dates** 4/20/2020 to 4/24/2020 **Weekly Planner**

*Welcome to our Distance Learning Classroom!*Student Time Expectation this week: 1-2 hours total

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| **Content Area**  **& Materials** | **Learning Objectives** | **Tasks** | | | | **Check-in Opportunities** | | **Submission of Work for Grades** | |
| Watch YouTube topics and examples on:  1. Exponents  2. Product of Powers  Property  3. Quotients of Powers  Property | Students will learn six rules of exponents limited to non-negative integer exponents | * Complete Digits 3-3, 3-4, 3-5 with a score of at least 70% on each * Log onto: **Pearsonrealize.com** * **Username. xxxxxxx**tusd(x = student ID) * **Password: Digits 30** * Submit upon completion. | | | | * Email   Students need to check in at least ONCE during this week via email.  Make sure Mr. Chan can see your full name in all forms of contact. | | Digits assignments are submitted online.  Due: 4-28-2020 (Tue.)  or  All papers must include:  FIRST NAME  LAST NAME  WEEK 1  PERIOD \_\_  MATH/CHAN  Papers may be submitted by scanning/taking a clear picture and sending to: Mr. Chan via email:  **bchan@tusd.net**  DUE 4-28-2020 (Tue.) | |
| Study tutorial and examples on YouTube links of your choice on Exponents and Powers | OPTION 2: *Paper-Only*   * Study the examples on handout * Simplify all problems on the back of week 1 handout. Write neatly and in pencil dark enough to be scanned and email to teacher: bchan@tusd.net * Explain select problems to parents. * Check-in with teacher at least once this week during office hours via email. | | | |
| **Scaffolds & Supports** |  | | | <http://www.pearsonrealize.com>  [www.mobymax.com](file:///C:\Users\Elaine%20Hsiao\Documents\Private\JOB%20stuff\TEACHING\2019-2020\SCHOOL%20CLOSURE\www.mobymax.com)  [www.khanacademy.org](https://www.khanacademy.org/) | | **Teacher Contact:**  [bchan@tusd.net](mailto:ehsiao@tusd.net) (Mr. Chan)  (PLEASE include full name of student in message) | | | |
| **Teacher Office Hours**  M-F 9.00am - 11:00am | **Monday**  *Email: bchan@tusd.net*  9:00-11:00 am | | **Tuesday**  *Email: bchan@tusd.net*  9:00-11:00 am | | **Wednesday**  *Email: bchan@tusd.net*  9:00-11:00 am | | **Thursday**  *Email: bchan@tusd.net*  9:00-11:00 am | | **Friday**  *Email: bchan@tusd.net*  9:00-11:00 am |

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| *what* | *description* | *examples* |
| Exponents | Using exponents is an efficient way of writing expressions that are repeated multiplications of a base factor. |  |
| Product of Powers Property | To multiply powers with the same base, add the exponents. |  |
| Power of a Product Property | To find the power of a product, find the power of each factor and multiply. | (  (  ( |
| Power of a Power Property | To find the power of a power, multiply the exponents. |  |
| Quotients of Powers Property | To divide powers with the same base, subtract the exponents. | ; ;  ; |
| Powers of a Quotient Property | To find the power of a quotient, find the power of each factor and divide. | ; |
| To the Zeroth Power | Any non-zero base raised to the power of zero is equal to 1. |  |

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FULL NAME \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ DATE \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ PERIOD \_\_\_\_\_ MATH-CHAN

(1) You must check in with Mr. Chan at least once between April 20 and April 24. See weekly planner for your options and times to contact teacher.

(2) **Simplify** the following expressions. Write neatly. See weekly planner for your options to submit completed work. Messy work will not be accepted.

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