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| **Grade: 9,10 - Math1**  **Teachers: Baptist, Shore, Dacres, Kwon, Watts** | **Week of: May 11 - May 17 QUADRATICS UNIT** |
| **Teacher Resource Links: District Math 1 Packet** | |
| **Materials you will need for this week:**   * paper, pencil, computer, or smartphone   **Links to Student Online Resources:**   * **Baptist:** [https://www.khanacademy.org](https://www.khanacademy.org/coach/dashboard) **(1st** **8Y6N4S) (2nd AH3S9R) (4th P39J7R)** * **Baptist: Google Classroom (1st wpavrf6 ) ( 2nd rdr23dn ) ( 4th yg3rq4l )** * **Shore: 1st Period-Khan Academy** (**76PTKE99) Google Classroom** (**f5gown2), 2nd - Khan Academy** (**DQU72DWU) Google Classroom** (**t7xmia3), 4th -Khan Academy** (**TCY7ACZ8) Google Classroom** (**mm3wb5t)** * Kwon: Google Classroom ( i4wc2iw) Remind (8b9743) website: <https://deliakwon-math.weebly.com/> * **Watts: Khan Academy (44V6BC5F) Google Classroom (53eoghy) Remind (4thwatts20)** * **Dacres: Google Classroom (oxfju6t) Khan Academy (358ASD2S ) Remind (@swarmmath1)** | |

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| **Student/Teacher Check-In Times (Office Hours)** | | | | | |
|  | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| Every  Day | Baptist 12pm-2pm  Kwon 2-4  Shore 9-11 am  Shore 1-2pm  [Watts 10am-11am](https://zoom.us/s/5883737646?status=success)  [Watts 1pm-2pm](https://zoom.us/s/5883737646?status=success)  [Dacres 12pm-2pm](https://zoom.us/j/121094457?pwd=a2ZZMWs5R0l1THlCbmtJeDlQR1pRQT09) | Baptist 12pm -2pm  Kwon 2-4  Shore 9-11 am  [Watts 10am-11am](https://zoom.us/s/5883737646?status=success)  [Watts 1pm-2pm](https://zoom.us/s/5883737646?status=success)  [Dacres 12pm-2pm](https://zoom.us/j/121094457?pwd=a2ZZMWs5R0l1THlCbmtJeDlQR1pRQT09) | Baptist 12pm-2pm  Kwon 2-4  Shore 9-11 am  Shore 1-2pm  [Watts 10am-11am](https://zoom.us/s/5883737646?status=success)  [Watts 1pm-2pm](https://zoom.us/s/5883737646?status=success)  [Dacres 12pm-2pm](https://zoom.us/j/121094457?pwd=a2ZZMWs5R0l1THlCbmtJeDlQR1pRQT09) | Baptist 12pm-2pm  Kwon 2-4  Shore 9-11 am  [Watts 10am-11am](https://zoom.us/s/5883737646?status=success)  [Watts 1pm-2pm](https://zoom.us/s/5883737646?status=success)  [Dacres 12pm-2pm](https://zoom.us/j/121094457?pwd=a2ZZMWs5R0l1THlCbmtJeDlQR1pRQT09) | Baptist 12pm-2pm  Kwon 2-4  Shore 9-11 am  Shore 1-2pm  [Watts 10am-11am](https://zoom.us/s/5883737646?status=success)  [Watts 1pm-2pm](https://zoom.us/s/5883737646?status=success)  [Dacres 12pm-2pm](https://zoom.us/j/121094457?pwd=a2ZZMWs5R0l1THlCbmtJeDlQR1pRQT09) |
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| **Weekly Objectives, Resources/Lesson videos, and Assignments**  **(Approximately 3 hours worth of learning)** | | | | | |
| Subject | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
|  | **Math 1** | **Math 1** | **Math 1** | **Math 1** | **Math 1** |
|  | **I Can...:**  **Add and Subtract Polynomial Expressions**  **Tasks to Complete:**  **Watch the videos:**  [Add/subtract Polynomials](https://www.youtube.com/watch?time_continue=13&v=LO1klYxZNs8&feature=emb_logo)  [Adding and Subtracting Polynomials](https://www.youtube.com/watch?time_continue=338&v=kRaceNE28og&feature=emb_logo)  [Worksheet](https://cdn.kutasoftware.com/Worksheets/PreAlg/Adding%20and%20Subtracting%20Polynomials.pdf) (pages with answers provided so you can check your work. Try on your own and check if you arrive to the correct answer)  [Online practice](https://www.ixl.com/math/algebra-1/add-and-subtract-polynomials)  **Due Date:** May 17  Independent Study:  Study Island  Khan Academy | **I Can...:**  **Multiply Binomials and Trinomials**  **Tasks to Complete:**  **First**  [**Watch the Video**](https://youtu.be/wQU-OxIySTE)  **then**  [**Pixel Art Practice**](https://docs.google.com/spreadsheets/d/1sQSHLxL_D8zSDDMaU3QvoVCMKJY3LcU5e5sijP-mDQY/copy)  [Online practice](https://www.ixl.com/math/algebra-1/multiply-two-binomials) multiply two binomials  [Online practice](https://www.ixl.com/math/algebra-1/multiply-two-binomials-special-cases) Multiply special cases  [Online practice](https://www.ixl.com/math/algebra-1/multiply-polynomials) multiply polynomials  **Due Date:** May 17  Independent Study:  Study Island  Khan Academy | **I Can...:**  **Solve perimeter and area word problems using polynomial expressions**  **Tasks to Complete:**  Watch videos:  [Solving Perimeter and aria](https://www.youtube.com/watch?time_continue=512&v=saPSrRMHNT0&feature=emb_logo) problems using polynomials  [Finding perimeter and area using polynomials](https://docs.google.com/viewer?url=https://northcobbhs.blogs.com/files/finding-perimeter-and-area-using-polynomials.pdf)  [Online practice](https://www.ixl.com/math/algebra-1/add-polynomials-to-find-perimeter)  **Due Date:** May 17  Independent Study:  Study Island  Khan Academy | **I Can...:**    **Factor Polynomials by GCF**  **Tasks to Complete:**  (review prime factorization if needed)  Watch the videos:  [GCF of a polynomial](https://www.youtube.com/watch?v=FvS7v6KM1ig&feature=emb_logo)  [Factoring GCF](https://www.youtube.com/watch?v=Y1Vd5wb0rnM)  [More factoring GCF](https://www.youtube.com/watch?time_continue=47&v=tFDbTRxJv-8&feature=emb_logo)  [Factoring using GCF](https://www.algebra-class.com/factoring-polynomials.html) online lesson  [Finding GCF](https://algebrafunctions.weebly.com/uploads/3/7/7/4/37742721/finding_the_gcf_of_a_polynomial.pdf) of polynomials  [Practice](https://www.sanjuan.edu/cms/lib8/CA01902727/Centricity/Domain/7044/31b%20%20-%20Factoring%20with%20GCF.pdf) with answers to help check your work – select minimum 9 exercises on each page (try on your own before you check the answers)  [Practice](https://www.sd308.org/cms/lib8/IL01906463/Centricity/Domain/3230/8.5%20HW%20Worksheet%20.pdf)  [Online practice](https://www.ixl.com/math/algebra-1/gcf-of-monomials) GCF of monomials  [Online practice](https://www.ixl.com/math/algebra-1/factor-out-a-monomial) factor out a monomial  **Due Date:** May 17  Independent Study:  Study Island  Khan Academy | **I Can...:**    **Factor trinomials of the form ax2+bx+c when a=1 (diamond/magic square problems?)**  **Tasks to Complete:**    Watch the videos:  [Factoring](https://www.youtube.com/watch?time_continue=248&v=nv1cB2Z0afc&feature=emb_logo) using table of factors  [Factoring](https://www.youtube.com/watch?time_continue=311&v=GB2_8GgQe_8&feature=emb_logo) using the box/diamond method  [Factoring](https://www.youtube.com/watch?v=_uARJ8bjSes) with diamond  [Practice](https://cdn.kutasoftware.com/Worksheets/Alg1/Factoring%201.pdf)1 [Practice 2](https://www.bbsd.com/cms/lib/PA01916419/Centricity/Domain/126/factoring%20trinomials%20a%20ia%201%20worksheet%201.pdf) with answers. Show your work (the diamond)  [Online practice](https://www.ixl.com/math/algebra-1/factor-quadratics-with-leading-coefficient-1)  [Online practice](https://www.ixl.com/math/algebra-1/factor-quadratics-special-cases) factoring special cases  **Due Date:** May 17  Independent Study:  Study Island  Khan Academy |

\*Take video notes in your notebooks.