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| 2104 Grandin Rd, SWRoanoke, VA 24015540-853-2116Fax: 540-853-1056www.rvgs.k12.va.us | **The Roanoke Valley Governor’s School****For Science and Technology** |  |

**Summer Enrichment for First Year RVGS Students**

Students,

I hope your summer is going well under the circumstances. To help provide you with the best possible start at RVGS, we have set up a series of summer enrichment sessions to review some topics that will be helpful for next year. The math sessions cover some topics that may have been toward the end of last year’s math class (possibly during virtual instruction). On the science side, we have a physics session that will help you avoid some common misconceptions in that course, and a session that covers information about virus biology. The latter of those sessions is not directly tied to content for next year, but should provide some interesting material while helping introduce you to ‘breakout groups’ in an online format.

The length of each session is left flexible for the teacher, but you can expect them to run in the ballpark of an hour each. If you feel inclined to ask “Is this required?” I encourage you to evolve your thinking toward a “RVGS Determined” mindset. At Gov School, we don’t do things simply because of grades and requirements – we do what helps us learn as much as possible and supports our growth. Aside from the beneficial information you will gain, you also become more comfortable with the type of real-time, synchronous instruction that we employ when classes are held online.

Teachers may have some practice problems during the session to ensure that you understand and may provide opportunities for interaction. With that in mind, please consider the following:

* Ensure you have paper and a pencil handy in case they are needed
* It is encouraged to use a headset with a microphone during the session
* Log into the room about 10 minutes before the start time in case you have technical problems

Please consult the schematic on the following page to find the list of sessions, dates/times, and the link to access each of them. After each session, an updated file will be posted to the RVGS webpage with links to video recordings of the past sessions. It is perfectly understandable if your family schedule prevents you from attending a session during the scheduled time – the recording link is provided to help with these instances. You are welcome to attend any session, but you should pay particular attention to any that include you within the “Primary Audience”.

If you have any questions or difficulties accessing these sessions, don’t hesitate to contact Mr. Levy at mlevy@rvgs.k12.va.us or by calling the school (540-853-2116).

**New student orientation will take place as scheduled August 3 – 6, but will use a real-time virtual format instead of taking place on campus. Students will receive complete instructions on how to login and access the meeting sessions in the near future.**

Thanks,

Mark Levy

Director, Roanoke Valley Governor’s School for Science and Technology

mlevy@rvgs.k12.va.us

**First Year Student Summer Enrichment Schedule**

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| --- | --- | --- | --- | --- |
| **Session Name** | **Date** | **Time** | **Primary Audience** | **Session Link** |
| G/A-1: Trig and Right Triangles | Tues, July 14 | 2:00 PM | All first year students | <https://us.bbcollab.com/recording/e9e21b512bef4b3dbcb4734f3968cd84>(Recording) |
| Physics Misconceptions | Thurs, July 16 | 11:00 AM | All first year students | <https://us.bbcollab.com/recording/a55d7be95e99486dba2f7cdecc9635ac>Note: Mr. Hurst and I had a conversation about breakout rooms while the students were working that ended up in the recording! You can skip from 13:33 to 21:54 zoom past it and get to when everyone came back to the main group. |
| G-2: Angle of Elevation or Depression | Tues, July 21 | 3:00 PM | Rising Algebra 2 | <https://us.bbcollab.com/recording/fc0803582eca4c4cb94d715905ff5160>(Recording) |
| G-3: Circle Equation | Tues, July 28 | 10:00 AM | Rising Algebra 2 | <https://us.bbcollab.com/recording/ace50a6ff08c49d5bbd7bbe359846844> (Recording part 1)<https://us.bbcollab.com/recording/a65dbaff16334fe4bb3abb93468abc02> (part 2) |
| A-2: Sequences and Series | Tues, July 21 | 2:00 PM | Rising Precalculus | <https://us.bbcollab.com/recording/820dad5650e14e1fb7ea94ab88cb411c>(Recording) |
| A-3: Function properties, characteristics, & transformations | Tues, July 28 | 2:00 PM | Rising Precalculus | <https://us.bbcollab.com/recording/fb5e679fa2644c4b8834a8f45222b208> (Recording) |
| Should we change our definition of life? Introduction to Viruses and Breakout Group Discussions | Thurs, July 30 | 2:00 PM | All first year students | <https://us.bbcollab.com/recording/95fdfb9ae7e5418dab7483cb018f8901>(Recording) |