Dear Parents,

Online learning is becoming increasingly popular as it empowers students as 21st century learners to further develop their knowledge and skills in a technology driven society. With this in mind, North Rocks Public School will be providing students with online learning opportunities through Bug Club; a K-2 Literacy initiative, and through the trialling of Mathletics K-6.

Mathletics is a leading online numeracy resource which provides students with engaging mathematical learning experiences that are linked to the NSW version of Australian Mathematics Syllabus. This resource has a wide range of activities and games developed to support a child’s learning in a controlled and targeted environment. It is an online console for students to access work set by the classroom teacher but also to challenge their own abilities through a global interactive playground.

This online resource will be established so that teachers set tasks that build on concepts taught in the classroom and that also target each individual child’s level of learning. Furthermore, students can participate in ‘Mathletics Live’ where they can not only challenge their peers in mathematical activities but also other students around the world. Students earn Mathletic points, receive awards and create personal avatars as part of this program. All completed activities are marked and results are recorded allowing feedback to be received instantly. This is beneficial for student self-reflection but also for teachers as an online record system is established. As parents, you can keep up to date with your child’s progress and be a part of their mathematical learning journey.

How Mathletics will be implemented:

• Once students have received log in details they can explore Mathletics and participate in Mathletics Live
• From Week 6, classroom teachers will set tasks (Y1-Y6 will set tasks for homework and some classroom integration; Kindergarten will incorporate Mathletics into weekly computer sessions) that are to be completed in a given time frame - once these tasks are set students cannot access any other part of Mathletics until the tasks are completed.
• Students’ need to receive 85% or above as a pass mark, they can continue to complete the task until this level is reached. As the tasks are being completed, there is a question mark symbol that students can click on to receive ‘help’ (an explanation of how to complete the task); this is an excellent tool to develop students’ knowledge of the processes involved in certain areas of mathematics.
• For each completed activity, students earn points and once a certain level of points is reached, students can earn a Bronze award which can be printed for personal records. This continues to increase for a Silver and Gold award.
• All results are accessible by classroom teachers and resources are available, and will be utilised, to support learning in the classroom.

Mathletics is a whole school initiative that North Rocks Public School is trialling. It is a resource that will be utilised to support the teaching and learning programs that are in place at North Rocks and will provide further opportunities to differentiate activities and support the learning needs of all students. **There is a cost of $8 for a yearly subscription that has been included in your child’s invoice.** If your child is unable to access the program at home please let the classroom teacher know and opportunities to use Mathletics at school will be made available.

**A Mathletics representative will be hosting an information session in the K-2 computer room on Thursday, 27th February, 2pm-2:45pm (Week 5) to provide further details about this resource.**

Please complete the slip below and return to Mrs Durrington by Monday 24th February if you are interested in attending this information session.

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I, _________________________________________, will be attending the information session on Thursday, 27th February (Week 5).

Sign: _______________________________      Date: _____________________