

Tring School



Tring School in Hertfordshire, England is a shining example of additional gains that even a school with a (deserved) reputation for good results, progressive thinking and innovation can make with a rollout of Chromebooks and G Suite for Education. Starting with key administrators and teachers, then cascading to the rest of the staff and students, the introduction of G Suite for Education and Chromebooks at Tring took a school that was already strong in student engagement and satisfaction and furthered their open culture of differentiated learning.

School facts

Total enrollment

1,550 **90**
Students Teachers

Years served

7 > **13**

Google tools

500–600 Chromebooks (growing each day)
2 Years using Chromebooks
2 Years using G Suite for Education
100% Students using G Suite for Education

G Suite for Education tools used



Why Chromebooks

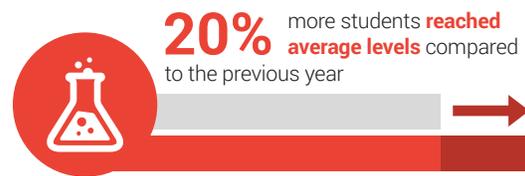
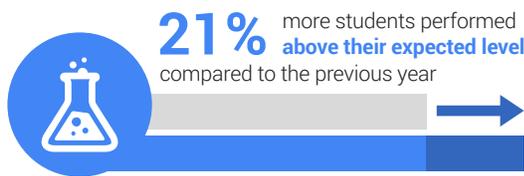
- Boys in the school embraced Chromebooks wholeheartedly, and are more accountable to teachers and more engaged.
- Real-time comments and advice in private exchanges from teachers offer students more privacy and less self-consciousness.
- Using Chromebooks helps nurture creative, independent and curious learners who can facilitate their own education at the school.

Results

Since putting Chromebooks in the hands of students, results at Tring continue to rise. Teachers receive a higher volume of completed assignments. In Science classes, an additional 21% of students performed above their expected level compared to the previous year, and 20% more of student results reached average levels versus the previous year. Students are more engaged with each other, too. For example,

when conducting quality primary research, some students have received 300 data points from online responses, versus a handful before the rollout of Google Forms. Finally, boys in the school who may have been reluctant to embrace schoolwork beforehand have embraced the technology wholeheartedly, making them more accountable to their teachers and more engaged in their learning.

Student performance increased in science classes vs. previous year



Introduction

In the summer of 2015, the leadership team at Tring School launched a future-proof plan, designed to cement in place the open and collaborative mindset of the school's 1,550 students and 90 teachers by supplying them with new technology. The team began by training for L1 G Suite for Education certification, embracing G Suite for Education on a daily basis. This led to the creation of a core group of Google Champion teachers, who led the way in their academic departments and across the school.

After early wins in teacher productivity with Docs, Slides, Gmail and Calendar, the school kicked off a trial with the whole suite of apps and a few hundred Chromebooks, available to students via a booking system. Teaching staff undertook

the same G Suite for Education training as the leadership team, but the real clincher in achieving a culture of sharing came with the arrival of student-led Chromebook use.

As the school approached the end of their first year trial in 2016, Tring began a 1:1 rollout of Chromebooks. Today, Chromebooks are purchased by parents and last each student through their secondary school level learning; the school provides Chromebooks during the day to any students who opt not to purchase a Chromebook. All 240 Year 10s will get their personal Chromebook, and although a Year 7 rollout doesn't start until January 2017, 73 percent of the parents have already bought Chromebooks for their children to use in school.

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Year 11 student

Increased feedback

With the introduction of G Suite for Education and Chromebooks, teachers can see which students are struggling and provide them with additional support, using overall pace of work to gauge progress and engagement. Real-time comments and advice in private exchanges offer students more privacy and less self-consciousness. “The increased feedback and interaction with teachers improved my marks. Before G Suite for Education,

we never had this level of detail or ability to ask specific questions back within the work,” says one Year 11 student.

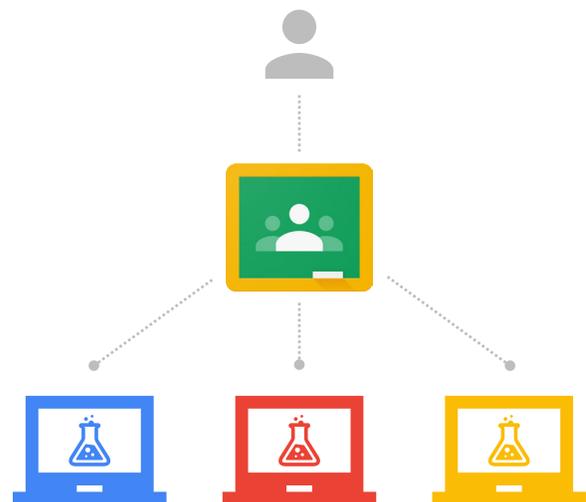
“We’re able to better monitor and differentiate students, then direct them to specific resources that they need,” says Chris Lickfold, Tring School’s Director of Learning. “It’s putting better tools in the hands of already skilled practitioners.”

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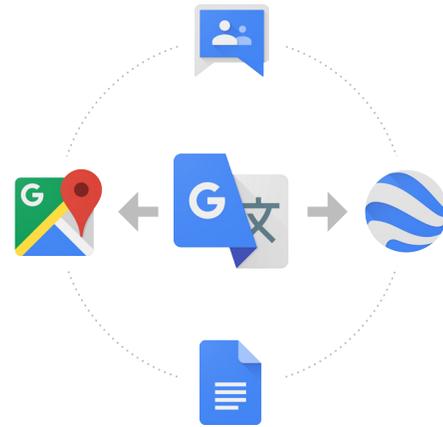
Richer learning environments

The Science department at Tring School experienced a transformation thanks to the new resources of Chromebooks and G Suite for Education. Each class now has its own Google Classroom, providing specific sets of materials, resources, in-class tasks and homework assignments. “The teacher is there to facilitate and support the students, but a lot of what they do is independent. We’re creating creative, independent and curious learners who can facilitate their own education,” says Lickfold. The department as a whole embraced the model of flipped learning, enabled by the introduction of G Suite for Education, and each student is more in control of their own learning and development.



Learning in context

The Modern Foreign Languages department uses Google Maps and Google Earth as key tools in lessons. Teachers immerse students in the sights and sounds of far-flung locations. "They try to integrate G Suite for Education into their lessons wherever they possibly can. They love it. They use VideoNote and EdPuzzle, and it wouldn't happen if we didn't have the whole G Suite and Chromebook plan in place," says Lickfold. The mix of easy access to Chromebooks, G Suite for Education and the world beyond precipitated a wave of student collaboration, made manageable in a foreign language course with Google Groups and Docs.

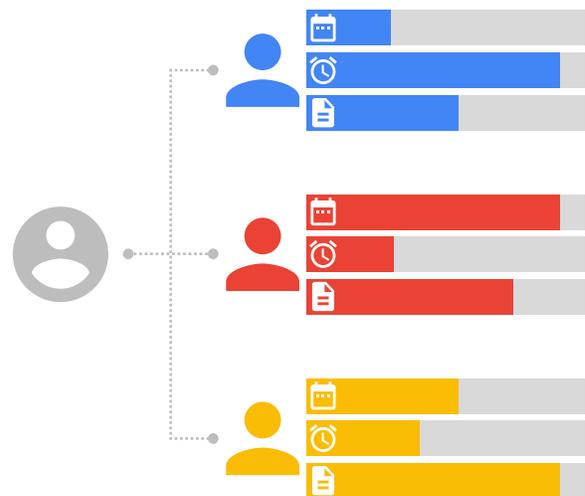


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Streamlining the process

Teachers at Tring School set the majority of their work through Google Classroom. Now, neither staff nor students face the issue of lost or damaged work, while teachers can provide differentiated material for each student and track measures like attendance, student timetables and workloads. The school believes that these tools are more student-friendly and more manageable and effective in the classroom, taking an already excellent school and making it an even better one.



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