

INTERPARENTS Geogebra-BYOD Survey – quick analysis for EEB1!

- **215 replies overall from EEB1 parents** (out of a total of 1331), representing 300 pupils
- Out of which 81 FR, 27 PL, 21 DE, 21 ES, 19 EN, 17 HU, 16 IT, 9 DK, 4 SI
- **50 replies include S5 parents**
- Out of which 20 FR, 6 DE, 6 IT, 5 EN, 5 PL, 4 ES, 2 DK, 1 SI, 1 HU

Geogebra (S5 only, 50 replies)

- 8 say Geogebra is not used, 25 say Geogebra is used (to some extent), 17 blank/DNK
- In which of your children levels is the tool used? **in S5 37**, none 13
- Geogebra is used: In Class: **yes 25**, no 8
- Geogebra is used: For Homework: **yes 17**, no 11
- Geogebra is used for in class tests: In exam mode: yes 2, **no 22**
- Geogebra is used for in class tests: Not Geogebra but a calculator: **yes 21**, no 5
- Is Geogebra used in formal exams (B-Tests) in exam mode?: yes 1, **no 22**
- Have they received adequate training?
 - 0: 14 votes,
 - 1: 4 votes,
 - 2: 10 votes,
 - 3: 5 votes,
 - 4: 4 votes.
 - **average score: 1,49 (out of 4)**
- Have they experienced technical problems? yes 11, no 13

BYOD (all levels, 215 replies)

- Has the school published a BYOD policy? **don't know 166**, no 27, yes 19
- Is there technical support in the school:
 - Wifi available? **Yes 116**, no 9
 - Socket for recharge? **Yes 61**, no 34
 - Spare devices? Yes 9, **no 72**
 - Helpdesk for students? Yes 20, **no 55**
 - Helpdesk for teachers? Yes 15, no 12
- Does every child in your family attending the secondary school have an own laptop, suitable to be brought every day to school? Yes 115, no 98
- If it were available, would you be interested in a scheme to rent a laptop for your child (e.g. Luxembourgish schools one2one project, approx. 75 euro per year)? Yes 77, no 105
- Device used BYOD (no digital device used; Notebook; Smartphone, tablet): no data yet
- Which classes used (maths, ICT, physics, language, economics): no data yet

Comments on Geogebra (from S5):

- The use of the calculator Texas in S6
- Kids did not receive adequate training, the use of Geogebra at home is not possible because kids don't know how to use the system and due to technical problems. For all these reasons Geogebra should not be used at all in school, in tests, B-exams or homework in this way!
- She doesn't understand how to use it! Training is needed

- We used it once or twice in class, but we usually use Desmos in class.
- Outil très peu utilisé dans l'ensemble
- The tool is not used enough. It is simply irresponsible to not use the tool much in class or tests as it may pose significant problems in the future when the Geogebra calculator is needed for a test. Technical issues or lack of proper training is absolutely irresponsible. If there should be a first year where the tool is used in formal exams it is S5 and not later in S6. A S5 trial would still be excusable as the exams are not as important as the S6 and S7 exams. Using them however in S6 for the first time in B-Tests is utter nonsense and the exams will be prone to many issues, especially regarding inadequate training of pupils. This is not factoring in technical issues from lack of testing in exam situations. The replacement of the T-Nspire is premature and badly planned and has resulted in uncertainty and chaos, which will be reflected in the grades and competence of the pupils in the future.
- Get School WIFI codes for Brueghel building.
- S5 uses calculators, S1 does not yet uses calculators
- My son did not tell me any details about this, so I hope it is just fine.
- Geogebra is not used yet. According to the teachers it will be used starting from 2021-2022
- Excellent software, easily upgradeable, very useful for teaching complex matters like vectors.
- A message was sent just before Xmas that a device would be needed in January. Nothing happened until March, when math teachers were saying the next week a device would be needed in class. But again nothing happened. We have bought a device (iPad) complying with the instructions, but it has not been used yet in class, for homework or tests. Parents are unsure about whether they need to buy a device or not. The possibility to use a smartphone, at least during classes, should be allowed, so families can re-use an existing computer and are not obliged to buy a specific one. Clarity is needed soon, as the use in official tests will start next year!
- It is impractical; a lot of time wasted in technical issues. Harder to use than simple pen and paper.
- Quite good, rarely technical issues, regular use.
- Je ne vois pas la valeur ajoutée de Geogebra par rapport à la calculatrice TI-Nspire. D'autant plus que cet outil nécessite d'apporter à l'école une tablette ou un ordinateur, que tous les élèves n'ont pas forcément, et ne devraient pas être forcés d'avoir. Je suis fortement contraire.
- Sometimes sharing of tasks/assignments by teacher not straightforward for all student devices (typically smartphones).
- As far as we understood our class will use this Geogebra from next year (S6). That means that we need to buy a new general purpose device expressly for this use. We think it is NOT a good idea, also because many family have already the Texas Instruments calculator used in the past.
- This is a very bad idea - kids should not be forced to bring their own laptop to school - this increases the cost for parents (not all can afford to buy one, it would emphasize inequalities) and it increases the risk of theft or accidental loss of the device (not only in school but on the way to school - some kids use public transport or bike to get to school). Instead, there should be a collective purchase of devices that would stay in the math classes and would be distributed by the teachers (like there are computers in ICT rooms) . If the school has not enough money, APPEEE could help rise the funds.
- I think it was outrages how the school introduced the use of the new tool. We had to buy a new computer for my child so that she could use this new tool. For her older sister we had to buy the expensive calculator, which now cannot be shared by the younger generation. So I do not know how this decision was made, but schools should not make decisions on behalf of parents like this - us buying a new computer so that our child can use this tool, as the previous computer was not compatible with this new version! Also, I would like to know at least a little but what are the advantage of this new tool. I cannot help my child at all for the moment. Children did not receive any training either. They hardly use it in class. Teachers should also be very comfortable with using it, before the new tool is rolled out to students.
- in case of lost/damage, calculator costs less to replace than a computer/tablet. besides carrying a computer/tablet for maths (and probably few other science courses) seems not proportional.
- Pas encore eu l'occasion de tester en examen (test B)

Comments on BYOD (from all section):

- Wifi at school is poor
- there are not ask to bring their devices at school
- y a t-il une assurance de l'école en cas de casse ou de vol ?
- insufficient inadequate equipment
- I don't know what this is about
- There are some sockets but not enough if everyone brought devices. In physics it is not required, but there is flexibility to use a device; in Maths, English and Latin, devices are needed but many kids use phone.
- Our child does not bring any device to school in order to use it during classes but she has a laptop she regularly uses during homeschooling. I believe our school has a BYOD policy but I don't know it and therefore cannot judge how difficult it is to implement.
- nous serions intéressés par des achats engros de portable par l'école
- The helpdesk does not provide a good service
- Fairly important that all children are comfortable with this and that teachers, IT support other can handle a mix of devices - which does not really sound very manageable. renting equipment much better idea. in general all schools need to think very carefully about how to use IT devices in teaching and seek to be guided by int'l best practice
- Attention au tout numérique : nous n'avons pas de recul sur l'impact du tout numérique sur le processus d'apprentissage. L'écriture ne doit pas devenir le parent pauvre des apprentissages. Mis à part les élèves victimes de dysgraphie ou trouble de ce type, l'apprentissage par l'écriture est nécessaire.
- Mobile devices should have no place in school. The school should provide appropriate equipment for lessons. Requiring pupils to have their own device for school purposes it onerous nonsense.
- Not yet brought to school. Only used during homeschooling
- In my opinion the own device policy should consider to integrate "online books" into devices too, in order not to bring so heavy back-packs.
- If should be completely normal to bring your own device to school, if needed, The wifi should be available for pupils any time they need it!
- It should be completely normal to bring and use your own computer, if needed and use the school's wifi for this purpose.
- La politique en matière de BYOD crée une égalité entre élève par la ressource utilisée pour travailler. Ceci est en contradiction avec le principe fondamentale de l'école publique selon lequel chaque élève est mis sur un pied d'égalité par rapport à l'apprentissage. C'est le cas lorsque les élèves utilisent le même matériel de cours (ex: livre de classe, papèterie).
- It is not acceptable that the school requires young students to bring their own device at school thus forcing parents to give tablet or smartphones to them for having (on-line) lessons or to take picture or simply to overcome school inefficiencies (in terms of equipment, absence of teachers)
- My child did not use BYOD till now
- We support BYOD, but this should imply a consent to abusive screen time, let alone to teachers sending homework at night with a deadline for the day after as happens regularly. It's S2 children!
- je ne sais pas ce qu'est BYOD
- we don't think that BYOD should be an compulsory general rule; since online schooling the children are working already a lot with computers and we don't think that in a class room except ICT lessons this needs to be further promoted. BYOD should be used for exceptional reasons, for example doing a presentation in class or for a particular exercise and not an everyday situation. It is important that kids still learn that interaction and learning does not only happen via an electronic device. The current pandemic situation has shown that it is more than important that they have "old school" social interaction.
- I'd be in favour of using BYOD for secondary school
- Please make sure your software policy for choice of device include mobile devices (IOS/iPadOS + Android). Laptops are heavy and much more finicky to connect and have much less security.
- I completely oppose the BYOD: it is not acceptable to expect children to bring an expensive and necessarily fragile as well as fairly heavy notebook computer to school every day.

- Give publicity to those initiatives
- It would be very important to digitalise the material as much as possible. The children are commuting with backpacks over 10kg which is absolutely unacceptable. They should have a standardised tablet/small notebook and nothing else in their bag.
- A device rent program would be the welcome.
- After it was announced that it might be useful to have a notebook and we bought one especially for school, I have never heard about if, how and when it has actually been used in school. I have the impression that my son only took it to school on some very rare occasions. Which is a shame...
- BYOD policy should be set and communicated; I fully support it, as long as it is based on the use of MS Teams
- Should not be made mandatory but remain optional
- Useful for SEN students +geogebra
- BYOD policy restricts the freedom of parents that do not want to give to their children IT devices
- The devices are not used for in-situ lessons at all currently, but of course for all lessons given in distance learning. No clarity at all on what is the plan, what parents are supposed to buy, how devices are to be used in class and outside class at the school site.
- Two important aspects to consider: 1) If the school imposes pupils to bring a laptop or tablet, the school should pay for a proper break/theft insurance. Parents should not have to bear the consequences in case something bad happens at school. 2) The school should make sure it asks for the simplest solution, i.e. not a ferrari BYOD. Only few parents can afford buying ipads or Microsoft Surface Pro for their children.
- My daughter in S4 already has her own laptop (mac) at home and could take it to school. My son in S2 does not have his own device and is still working with the family computer at home. But I think the children in his class could already benefit from bringing and using their own device at school on a regular basis.
- This is an annoying thing because they already have very heavy bags and are not mature enough. We are also sure that computers will be stolen or broken by them or other children. Furthermore, the multiplication of these devices is in conflict with the sustainability (more and more electronic garbage and plastics).
- My children have their own laptops but they're not suitable to bring to school everyday because they're too heavy and expensive.
- Pour moi avoir un ordinateur ou des cahiers m'est égale .Mais il y a des pour et des contre , comme par exemple ce serait plus facile d'avoir un ordinateur car on ne peut pas oublier ses feuilles à sa maison par contre je trouve qu'écrire sur un cahier permet d'apprendre à écrire sans le correcteur orthographique.
- Pas favorable d'apporter son propre équipement. Ce qui sert à l'enseignement sur place (sur site) doit être fourni par l'école.
- In our opinion, the use of personal devices should not be required. It accelerates the decision to use digital media whose early use can be negative for children. In addition, the permanent use of mobile phones is encouraged, both for recreation and to study or to work. This generates addiction, prevents proper socialization and reduces the options to choose other forms of entertainment and communication.
- Concern about taking an expensive laptop to school. Issues of theft or breakage.
- Will it mean "no written notes" any more? Hmm
- ce n'est pas très clair. un 'device' à l'école est-il obligatoire? dans quel cas? pour faire quoi? en quelle section? en l'absence de politique claire on ne peut prendre de position. en tous cas, le prix du matériel n'incite pas l'utilisation en classe au moins avant la S5. l'utilité d'un portable en classe ne semble pas justifié pour le moment.... il semble que c'est le mode d'enseignement qui peut être revu lorsqu'on utilise un portable..... cahiers? livres? photocopies???? va-t-on vers un paperless teaching? beaucoup de questions intéressantes qui doivent être synthétisées dans une politique claire pour l'école et les élèves + enseignants. il faut aussi songer à adapter la formation. ICT dans les S1 et S2 doit s'adapter si BOYD est en place pour les autres matières....
- I am against any BYOD. Cognitively speaking, it makes learning more difficult because children cannot play as much at their own rhythm. Any app forces children into ways of doing that may not be suitable to the level of understanding of the child (either too easy or too complex).

- There is no policy that I know of.
- children should NOT be asked to bring their own notebooks to school: these are heavy and expensive (!!) devices. either the curriculum should be taught without the need for Bnotebooks (or tablets) or the school should have the necessary devices in site for the use of pupils. I can understand having to buy a calculator, but not more!!
- They are not using Geogebra but luckily still the scientific calculator. Laptop is used at home for the remote learning and homework. Mobile phone is sporadically used to read a text in L2.
- Je ne vois pas pourquoi les élèves devraient apporter leur propre dispositif à l'école alors que les calculatrices ont très bien marché jusqu'ici. Cela me semble une complication totalement inutile.
- Calculators are also own devices, laptops unsuitable for transport between home and school on daily basis, recharging infrastructure more challenging too.
- The wifi only works for people with ICT classes and therefore a special account. The same goes for library computers. The account given a few years ago, for the wifi and library computers, never worked for my child or any of her friends except those who had an ICT account. My child does have a laptop, but it is not suitable to bring to school, since it is large and heavy to carry and could be stolen or broken.
- The School should provide the devices and families can contribute.
- Children should learn to use their own BRAIN first, and to write in a decent way
- as per comments in the previous section - this is a very bad idea because it will emphasize inequality and also increases the risk of theft or loss of the device on the way to school (eg when in public transport or on the bike). School should provide devices in classes - same way it is the case for ITC.
- As parents we support ICT lessons at school and even encourage to have more of it. However, we don't agree with the systematic use of computers for Maths. Physics etc. which replaces physical books and on-paper homework, may discriminate against students with lower digital aptitude and add screen time to students, already heavily digitally exposed every day life..
- Pas de connaissance de BYOD
- I do not think children should use digital devices at the classroom. The pandemic has forced us to give unsupervised access to these devices and it is having very negative consequences on children. I am hoping we can redress this negative trend in the future instead of institutionalising it.
- There should be some time allowed and min. requirements specified properly for buying new equipment.
- We are very afraid as parents that teachers and staff will not be able to control what pupils are doing on their device brought at school, inside and outside classrooms.
- a laptop is too expensive to be carried every day to school, my daughter commutes by public transport and I don't want to expose her (robbery on a way to/from school, etc).
- It happens very often that the children provide help to the teachers (depends on the teacher, for sure). I don't think the school is really organised (infrastructure-wise) for everyone bringing their device. Another strong comment I have: either it's all paperless (BYOD) or the contrary, but bringing AND the device AND the books/folders etc is not bearable on a kid's back. Laptops are heavy, folders are heavy. The investment is also heavy if it's just for time to time, for one out of all the classes. Or else you equip all the classes with PCs that stay in the class.
- Pour info, je n'ai pas autorisé mon fils à prendre un ordinateur portable à l'école et l'école a bien précisé qu'il n'y a pas d'assurance prévue en cas de dégâts. C'est également pour cette raison que je ne voudrais pas d'une location annuelle.
- What is it?
- We bought the laptops advertised through the partnership offered by the school. It appears that no IT support is offered/available at school.
- A ma connaissance, il était question d'utiliser un smartphone à partir de la S4, pas d'apporter un laptop à l'école tous les jours !
- Do NOT want the school to make it policy that children MUST bring a device to school
- Je ne suis pas convaincu de l'utilité de BYOD. Les enfants passent déjà tellement de temps devant les écrans, ne pourraient-ils pas se passer de cette initiative?
- Cette politique suppose d'équiper chaque enfant à grand frais mais le confinement l'a par ailleurs rendu nécessaire aussi donc pas vraiment le choix