



2018-09-FIN- Lehr-/Lernmethoden in den MINT-Fächern - Schüler

FRAGEN

ANTWORTEN 21

21 Antworten



ZUSAMMENFASSUNG

EINZELANSICHT

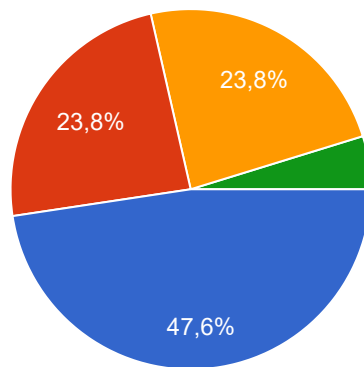
Antworten möglich



1. MINT -Fächer/STEM subjects



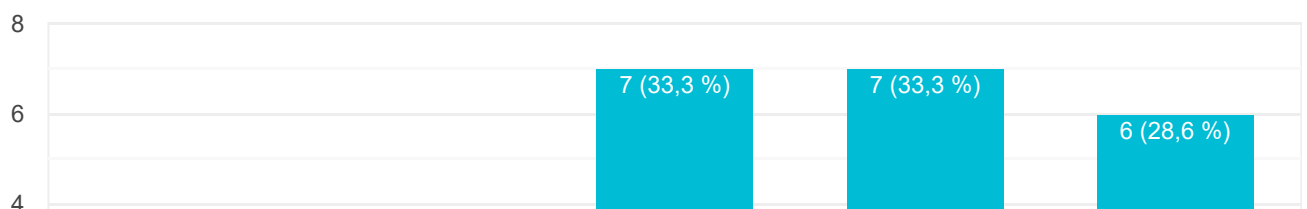
21 Antworten



- mag ich gerne und komme gut zurecht/ I enjoy STEM subjects and do well in them
- mag ich nicht so gerne, komme aber gut zurecht/I do not enjoy STEM subjects but do well in them
- mag ich, komme aber nicht gut zurecht/I like STEM subjects but do...
- mag ich nicht so gerne und komme nicht gut zurecht/ I do not enjoy ST...

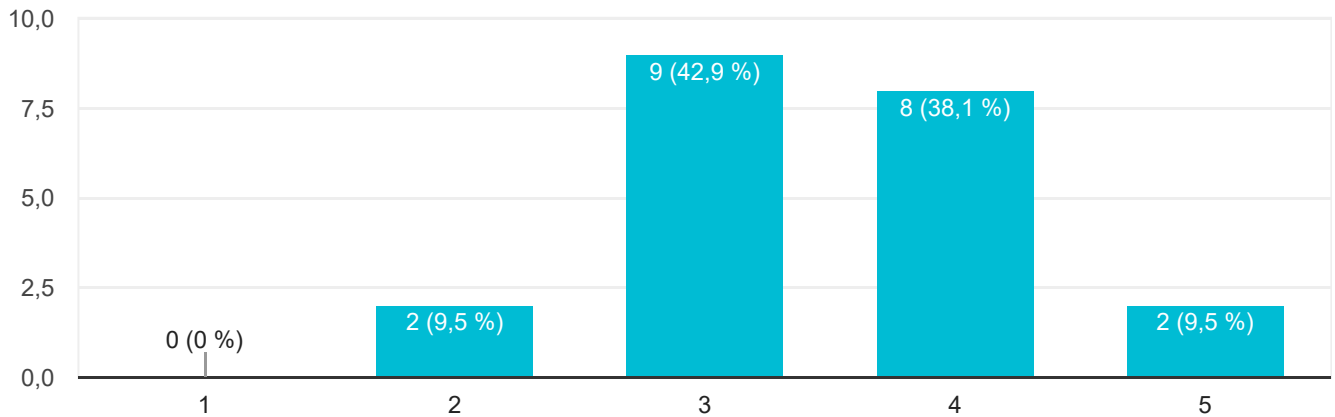
2. MINT-Fächer finde ich/ I find STEM subjects

21 Antworten



3. In MINT-Fächern erziele ich folgende Ergebnisse/ In MINT subjects my marks are:

21 Antworten



4. Das Schöne an MINT-Fächern ist/What I enjoy about STEM subjects is

15 Antworten

I enjoy understanding the basics of why the life is born. I'm interested in evolution etc.

I think it is interesting to learn about how the world works.

Clear and easy

alles. Sie sind einigermaßen herausfordernd und ich kann mich immer weiterentwickeln.

They are very interesting

They are important to learn about

They are interesting

It's interesting

Math

The nicest ist that you can learn new things every lesson and then understand world better.

Understanding and learning more about life and how it transforms

learning new things

The teachers and students relationship is very close.

The chances of getting a job or school place through those ones

I like count mathematic at least sometimes.

5. Um Spaß / gute Ergebnisse in MINT-Fächern zu erzielen brauche ich/In order to enjoy or get good marks in STEM subjects I need to

15 Antworten

I need to do a lot of work and ask help from my teacher.

Study hard and focus on the classes. I also have to do a lot of exercises

Practise more

Practice and do some exersises.

viele Arbeiten machen.

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Focus more

Make work

Do my homework

I dont know

Listen to the teacher at lessons and do specific training exercises provided by the teacher before the test.

Just read a lot and listen carefully to the teacher

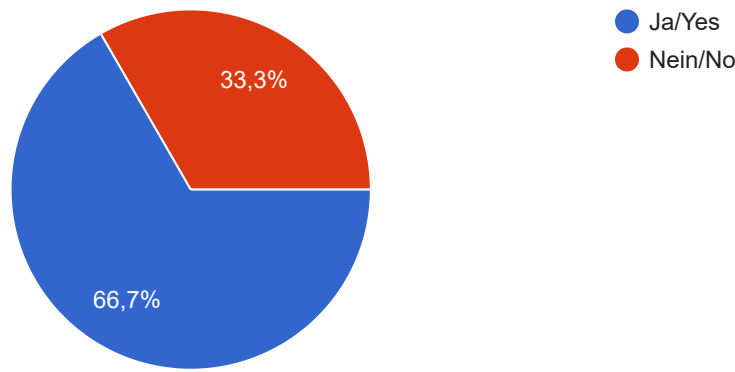
I need to do lots of work to get the results that I want.

Do my homework and listen in class

I need to do homework every day and sometimes even more tasks.

6. In der Schule habe ich spezielle Arbeitsmethoden für die MINT-Fächer gelernt/In school I have learnt specific ways of working in STEM subjects

21 Antworten



7. Zähle einige MINT-spezifische Arbeitsmethoden auf, die du in der Schule kennengelernt hast/List some of the STEM specific working methods which you have learnt in school

12 Antworten

- "flip learning"
- different kind of exercises

For example I have learned how to use computers to help solve math and physics problems.

Little test after yesterday's lesson and pair works

doing exercises, listening in class

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There aren't any

Nothing

Listening to the teacher and writing down everything that he/she does. Using computer programs to solve different tasks.

read text, making mind maps and do things on my own

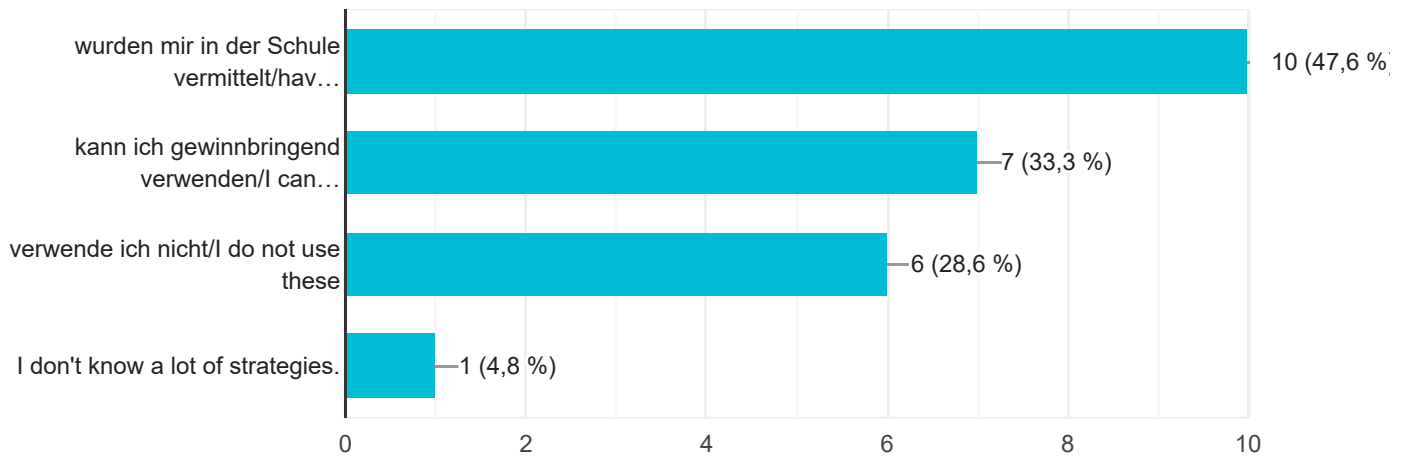
Writing down the main things that we go over during the lessons.

Repeating simple problems and doing advanced problems

Reading, counting, taking notes

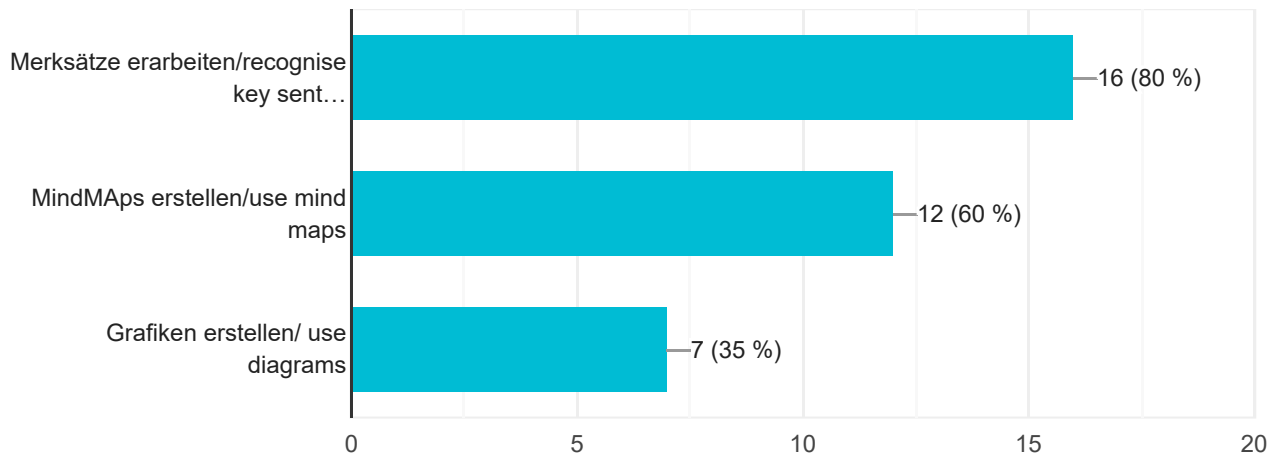
8. Lesestrategien für Sachtexte/Strategies for reading texts

21 Antworten



9. Aus Sachtexten kann ich/When using texts I can

20 Antworten

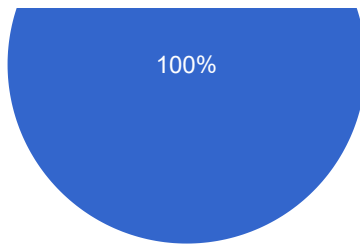


10. Informationen aus Grafiken zu entnehmen wurde mir in der Schule vermittelt/In school I have been shown how to get information from diagrams

21 Antworten

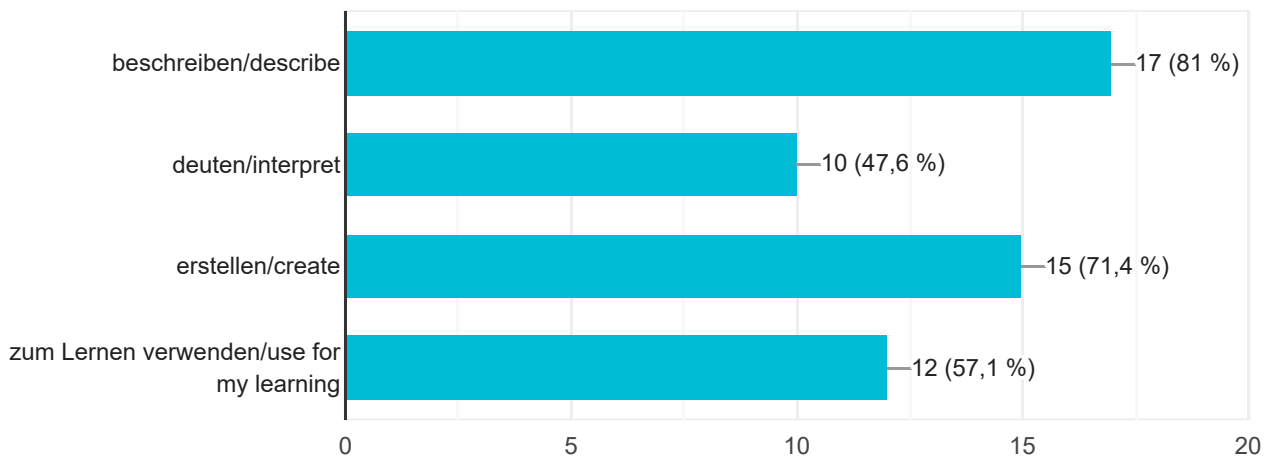


● Ja/Yes
● Nein/No



11. Grafiken kann ich in der Regel gut/Generally I am able to do the following with diagrams

21 Antworten



12. In den Naturwissenschaften experimentieren wir/In Science we do practical experiments

20 Antworten



13. Nenne, falls zutreffend, Gründe, warum aus deiner Sicht zu wenig experimentiert wird/Give reasons, if applicable, why that should perhaps be more practical experiments

8 Antworten

It's a better way to learn by doing and seeing the experiences.

Because people learn better when they can do and see things happen

It shows better what will happen and it's fun and i enjoy it

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You can see things that are taught in real life as well.

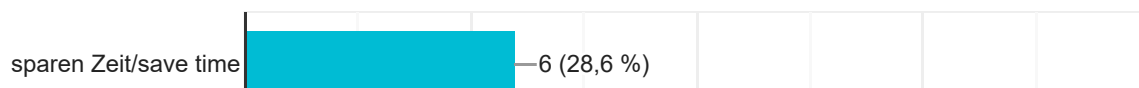
It is a fun a cool way to learn

Most people learns better practical experiment

They would help to get deeper and better understanding about the things we learn as we could try/experience them ourselves

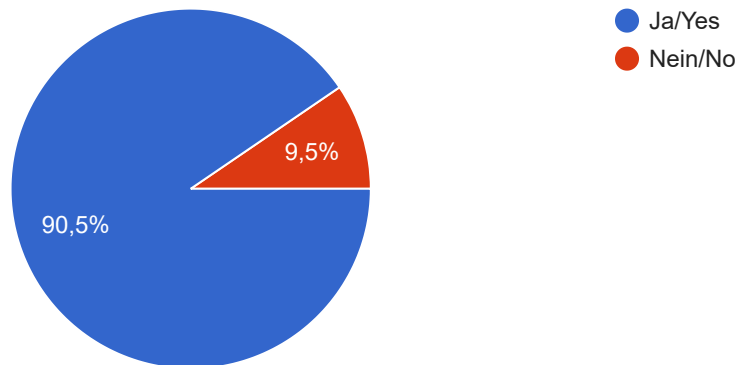
14. Filme / Animationen / Simulationen von Experimenten/Films, animations and computer simulations of experiments

21 Antworten



15. Im Unterricht werden digitale Methoden eingesetzt/In lessons digital methods are used

21 Antworten



16. Zähle digitale Methoden auf, die im MINT-Unterricht verwendet werden/List the digital methods you use for learning

14 Antworten

- different kinds of computer applications
- for example opetus.tv

Geogebra, calculator on line, chemistry simulations, excel etc.

Quizlet, reading and playing games learning words

Quizlets, kahoots, powerpoints

Quizlet

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Pedanet

Almost none

Geogebra and other CAS-calculators like Tnspire, in chemistry: molecular modeling softwares like MarvinSketch,

Different computer programs

Phone, Computer and videos

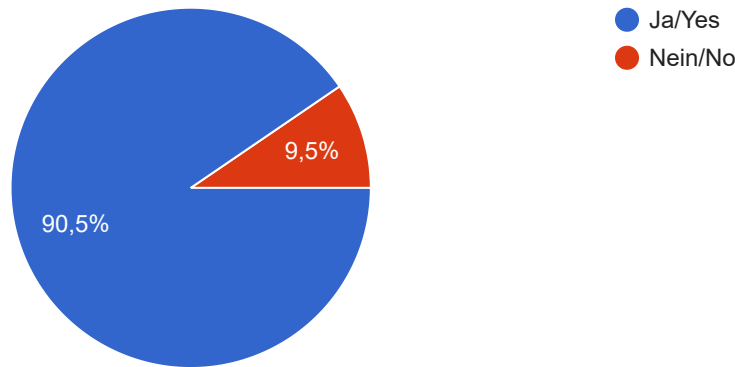
For example, Power point presentations.

Diagrams, simulations

We use some computer programs.

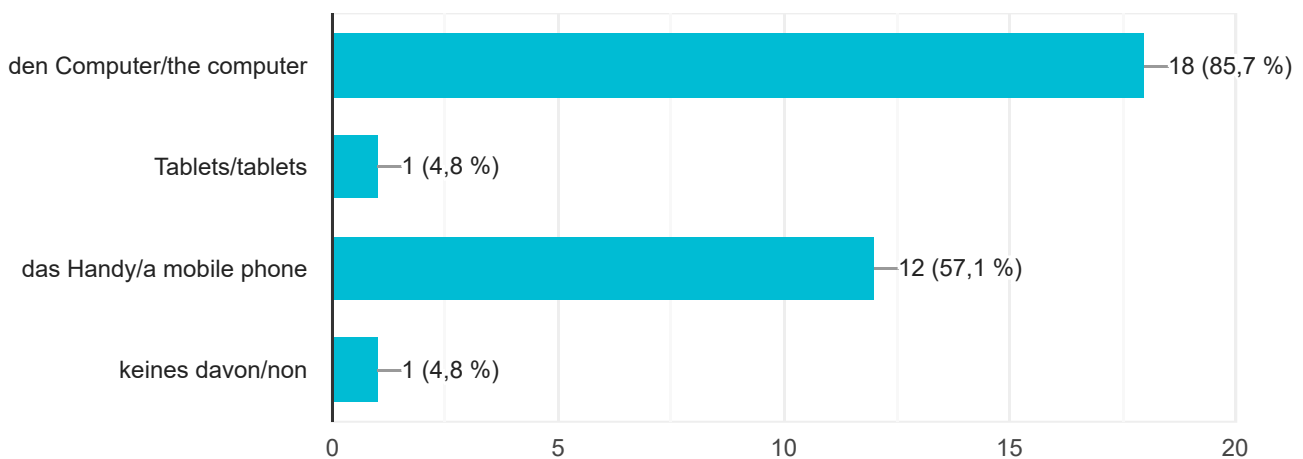
17. Zum Lernen verwende ich digitale Methoden/I use digital methods to learn

21 Antworten



18. Zum Lernen verwende ich/To learn I use

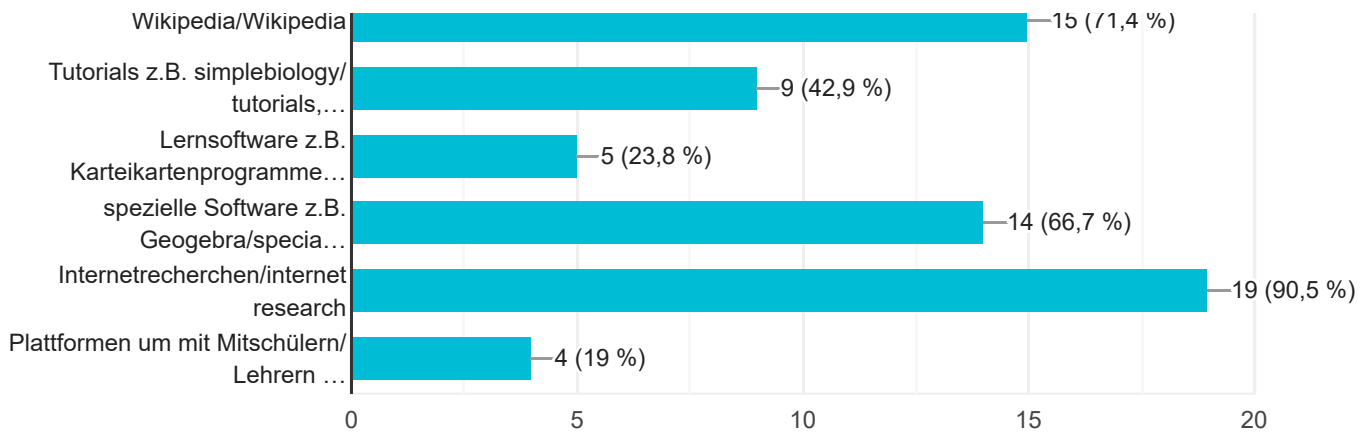
21 Antworten



19. Zum Lernen verwende ich/I use the following in my learning

21 Antworten





20. Für den MINT-Unterricht wünsche ich mir/What I would like to see in STEM subject lessons is

8 Antworten

- different ways of studying
- maybe something new like experience by playing football (like we did one physics class)

Something fun and motivating

Little bit modern and games

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They're already good

Even more use of the technology, because that is the future

more experiments and videos

I think studying STEM subject should be as multifaceted as possible.