

# Fysikshow 2024-2025



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# Summary of the year

## Show Statistics

|                           | Last year (2023-2024) | This year (2024-2025)                    |
|---------------------------|-----------------------|------------------------------------------|
| Shows during the fall:    | 15 occasions          | <b>21</b>                                |
| Shows during the spring:  | 15 occasions          | <b>31</b>                                |
| Requests (fall + spring): | 30 + 27               | <b>27 + 23</b>                           |
| Requests for next year:   | 3                     | <b>7/8?</b>                              |
| Number of students:       | ~2750                 | <b>~3900</b>                             |
| High school shows:        | 12                    | <b>15</b>                                |
| Middle school shows:      | 8?                    | <b>22</b>                                |
| Elementary school shows:  | 8?                    | <b>7</b>                                 |
| Other:                    | 2                     | <b>6 (ScientiFika, 5 bachelor shows)</b> |

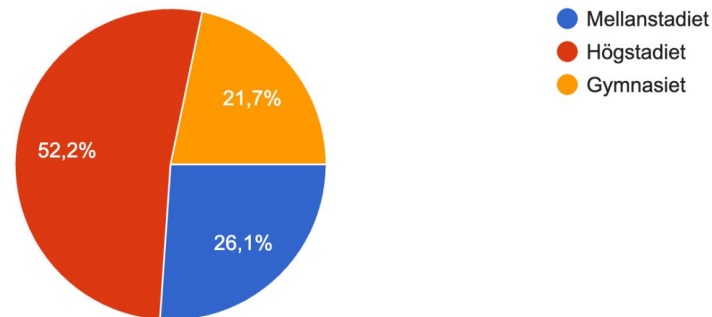
# Summary of the year

Feedback from the teachers

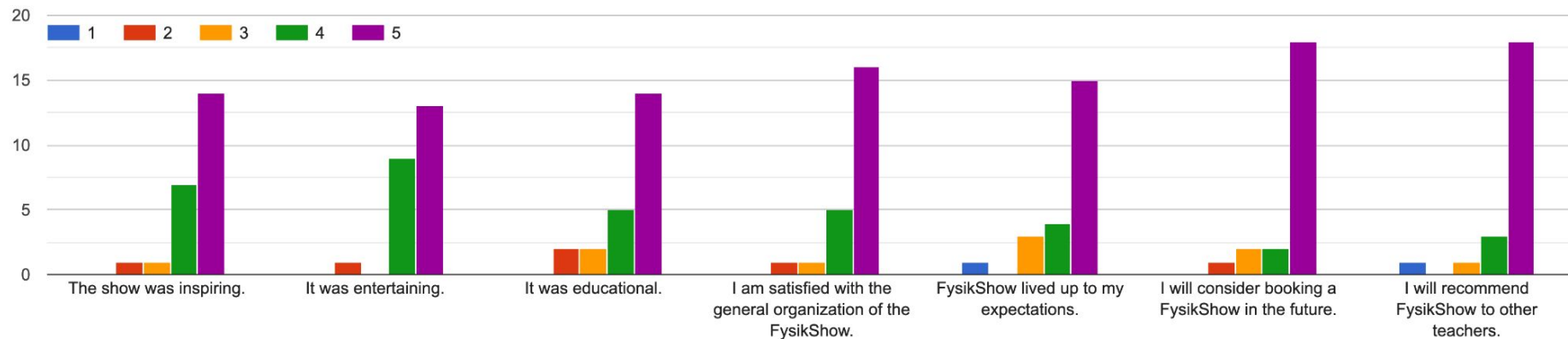
23 responses over the last 2 years

What was the educational level of the students that attended the show?

23 svar



Rate fysikshow: 1 = Strongly Disagree 5 = Strongly Agree



# Summary of the year

Teacher from a school:

Hi!

I want to thank you for the fantastic physics show! We had so happy students afterwards and they are still talking about the show. Now we even have some students who wants to be physicists. Great inspiration!

Have a nice day!

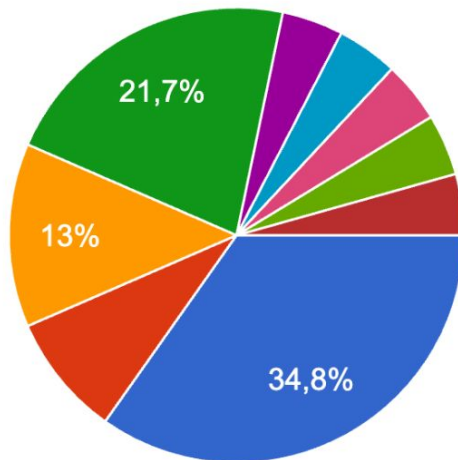
Reetta-Liisa & Västerängsskolan

# Summary of the year

## Feedback from the teachers

How did you learn about FysikShow?

23 svar

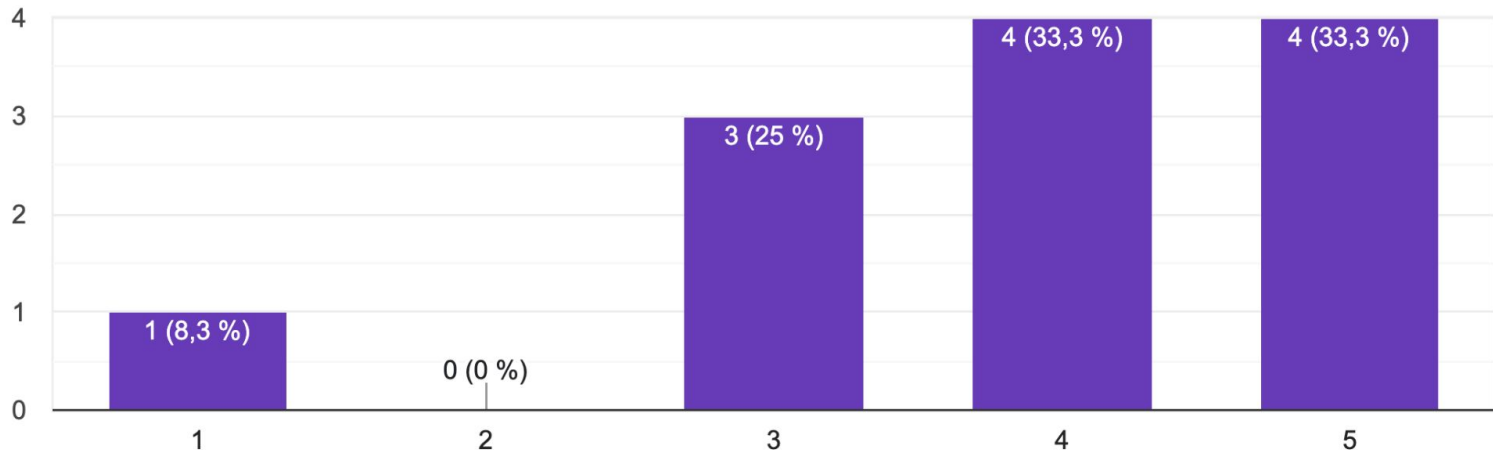


- Mailing from Stockholm University
- The Stockholm University website
- Social media
- Another teacher
- NTA kurs.
- The principal of the school
- I know about it since several years
- Arbetar på Fysikum
- Jag träffade Ludvig på högskolprovet och fick veta att de har fysikshow.

# Summary of the year – Bachelor shows

12 responses

- All liked the format: 5-10 min PhD research topics introduction + 30-35 min show
- 11 out of 12 would rather have the FysikShows as compared to normal lecture time
- Have these Physics Shows contributed to increased motivation or fascination to continue studying Physics?



# Summary of the year – Bachelor shows

Jag tycker FysikShow är ett så otroligt bra initiativ. Det både visar coola concept så man får se de visuellt och det inspirerar folk till att lära sig mer om fysik men även visa vad det finns för möjligheter framåt inom fysik. Personligen har jag verkligen sett fram emot FysikShow under varje delkurs, och det är väldigt synd att jag missade två av de. Vissa av redovisningarna har verkligen varit så coola. Vi såg precis våg o optik-showen och alla demonstrationer där var verkligen häftiga. Från att se absorption/emmissionsspektrum på atomer, och faktiskt kunna se det med sina egna ögon! Sen att visuellt kunna se ljusvågor var fantastiskt, speciellt när det spelades musik och man kunde se massa olika frekvenser som ibland orsakade större stående vågor. Och att få en direktdemo på hur "internet" fungerar, eller åtminstone hur data kan transporteras genom ljus. Så fascinerande. Hundra gånger mer värt att ha FysikShow än en undervisningstimme. Jag tycker definitivt detta är något som borde stanna i Klassisk Fysik-kursen. Jag vet inte vad jag ska säga för fler positiva ord, men väldigt väldigt bra initiativ och utförande!!! Jag är numera ett stort fan av FysikShow :)

# Summary of the year – Bachelor shows

I think FysikShow is such an incredibly good initiative. It both shows cool concepts so you can see them visually and it inspires people to learn about physics but also shows what possibilities there are in physics going forward. Personally, I have really looked forward to FysikShow during each sub-course, and it is a great shame that I missed two of them. Some of the presentations have really been so cool. We just saw the wave and optics show and all the demonstrations there were really cool. From seeing the absorption/emission spectrum of atoms, and actually being able to see it with your own eyes! Then being able to visually see light waves was fantastic, especially when music was played and you could see lots of different frequencies that sometimes caused larger standing waves. And getting a live demo of how the "internet" works, or at least how data can be transported through light. So fascinating. A hundred times more worth having FysikShow than a teaching hour. I definitely think this is something that should stay in the Classical Physics course. I don't know what more positive words to say, but very very good initiative and execution!!! I am now a big fan of FysikShow :)

*translated from Swedish*