

Profile



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Online School Page:

<https://landfermann.de/2023/12/15/mathematikolympiade/>

Personal Information

- **Date of Birth:** 23 August 2013
- **Age:** 12 Years
- **Nationality:** German

Profile

- Highly gifted and academically advanced mathematics student currently combining Gymnasium studies with part-time BSc Mathematics modules at The Open University (UK). Demonstrates strong abstract reasoning, independent research skills, and consistent top performance in quantitative assessments and national math competitions.

Education

- **GGG Hundertwasserschule, Duisburg, Germany** — Class 1 (2019–2020)
Recommended for direct promotion; teacher endorsement for advanced placement.
- **Otfried-Preußler-Schule, Duisburg, Germany** — Classes 3–4 (2020–2021)
Accelerated placement; early development of interest in Physics, Chemistry and Astrophysics.
- **Landfermann-Gymnasium, Duisburg, Germany** — Class 8 – Present
Strong academic performance across subjects; independent study in nuclear physics, cosmology and mathematical proofs.

University Coursework (The Open University, UK) — BSc Mathematics (part-time)

- MST124 — Essential Mathematics 1
Grade: **81%** (Start: 05 Oct 2024)
- M140 — Introducing Statistics (ongoing as of Dec 2025)
TMA 1: **80%** · iCMA 1: **92%**

Key Achievements

- Math Olympiad (Germany): 64th Olympiad — **Gold**; 63rd Olympiad — **Silver**. Selected to 2nd round at national level (selection among ~130 schools).
- SAT (Aug 2023): 1290.
- Cognitive assessment: IQ 132; Problem-Solving Index 142 — Mensa eligibility confirmed.

Selected **Projects** & Academic Strengths

- Independent study: self-directed exploration of proofs, combinatorics and introductory astrophysics topics.
- Public transport systems: practical knowledge of VRR & NRW networks; applied route optimization thinking to route planning tasks.
- Strong facility with number systems and early mastery of multiple alphabets (Greek, Hebrew, Russian).

Skills

- Advanced mathematical reasoning and problem solving
- Logical thinking, abstract proofs, and statistical reasoning
- Independent research, time management and academic resilience
- Basic data handling and quantitative analysis

Languages

- German (Native)
- English (Advanced)
- Bengali (Mother tongue)

Other

- Early numeric and literacy development; demonstrated aptitude for accelerated learning and multi-disciplinary study.
- References available upon request. Portfolio or examples of coursework/assignments available on request.