Curriculum for Mathematics 
Grades 5-12 
Short version 
Reference curriculum: Thuringia, Germany 
Year created: 2018 
 
This curriculum is based on the curriculum of the Bundesland Thuringia for the post-secondary Abitur diploma in mathematics (2011), the post-secondary Haupt- und Realschule school-leaving certificate (2011) as well as the core curriculum of grades 10-12 of the Upper School track of 
the German Schools Abroad for the subject Mathematics (as decided by the assembly of ministers of education of the German states on April 
29, 2010) 
in accordance with the North America region 
while taking into account the education standards for Mathematics for the post-secondary Abitur diploma (as decided by the assembly of ministers 
of education of the German states on October 18, 2012) and the subject-specific notes for the preparation and grading of task proposals in the 
subject of Mathematics (as decided by the Federation-Länder Commission for Schools Abroad (BLASchA) on September 23/24, 2015). 
 
The following diploma are awarded to the students at the GISW by the end of grade 10 of their compulsory secondary education: 
 Hauptschulabschluss school-leaving certificate, upon completion of grade 9, 
 Qualifizierender Hauptschulabschluss school-leaving certificate, upon completion of grade 9, 
 Realschulabschluss school-leaving certificate, upon completion of grade 10.

Th e diploma awarded upon completion of the students’ compulsory secondary education offer multiple career and educational paths: • immediate access to vocational training and apprenticeships, • transfer to vocational schools for continued education, • transfer to US High School,
At the end of grade 12, the students at the GISW may take the DIA exam (Deutsche Internationale Abiturprüfung) and are awarded the High School

D iploma of the state of Maryland.

10 (4 / 112 hours

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10. 1

Trigonom etric geometry

16 h

10.2

Trigonometric

functions , expon ential

functions and

lo garithm

functions

40 h

10 .3

Poly nom ial functions

13 h

10.4

Linear a lgebra

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points