



## What is a Magnet School?

A magnet school is a type of public school that has a particular curricular focus developed around a core set of five principles according to the Magnet Schools of America organization. These five pillars include the following things:

- Diversity
- Innovative Curriculum & Professional Development
- Academic Excellence
- High-Quality Instructional Systems
- Family and Community Partnerships



Possibilities!

Rockford Area School District 883 is a member of the Northwest Suburban Integration School District (NWSISD)

# Rockford Area Schools

Ignite the



## For more information, please contact:

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## K-12 Magnet Schools

Rockford Elementary  
Arts Magnet School

Rockford Middle School  
Center for Environmental Studies

Rockford High School  
International Baccalaureate  
World School\*

\* Only schools authorized by the IB Organization can offer any of its four academic programmes: the Primary Years Programme (PYP), the Middle Years Programme (MYP), the Diploma Programme (DP), or the Career-related Programme (CP). Candidate status gives no guarantee that authorization will be granted. For further information about the IB and its programmes visit <http://www.ibo.org>.







Rockford Elementary  
Arts Magnet School  
Grades K-4



Rockford Middle School  
Center for Environmental Studies  
Grades 5-8



Rockford High School  
IB World School  
Grades 9-12

High School Curriculum

Grades 9 and 10

IB Middle Years Programme (MYP)

Provides a framework of learning that encourages students to become creative, critical and reflective thinkers.

9th Grade MYP Courses:

English, US History, Physics, Math

10th Grade MYP Courses:

English, Geography, Chemistry, Math

➤ All students take these MYP courses

Grades 11 and 12

➤ Students choose from 3 pathways  
HL = High Level, SL = Standard Level

1 IB Diploma Programme (DP)

DP is an academically challenging and balanced programme of education, with final examination, that prepares students for success at university and in life beyond.

Course requirements to earn an IB Diploma:

- |  |   |
|--|---|
| • Language & Literature HL/SL            | • Spanish SL                                    |
| • European History HL or DP Economics SL | • Film HL/SL                                    |
| • Mathematics Analysis and Approaches HL | • Theory of Knowledge                           |
| • Biology HL/SL                          | • Independent Research Project & Extended Essay |
|  | • Creativity, Action & Service                  |

2 IB Career-Related Programme (CP)

CP is an innovative programme tailored for students who want to focus on career related learning. It allows students to create an individualized pathway that leads to further study, apprenticeships or employment after graduation.

Course requirements for CP Programme in Business:

- |                               |   |
|-------------------------------|---|
| • Language & Literature HL/SL | • Personal and Professional Skills Course |
| • Business Management SL      | • Service Learning Project                |
| • Marketing                   | • Language Development Portfolio          |
| • Accounting                  | • Reflective Project                      |
| • Intro to Business           |   |
| • Computer Applications       |   |

3 Optional Pathway

Our school counselors can help students tailor their own pathway with a combination of DP, CP and general courses.

Additional Graduation Requirements

2 credits Fine Arts  
1 credit Phy-Ed  
1 credit Health  
1 credit CTE

ARTS MAGNET

Instruction that integrates content and skills from the **arts areas of dance, drama, music, and visual art** with core subjects

+ Arts Integration:

- **The Arts are integrated daily into core subjects**
- **Artist in Residence Visits:** Local artists, musicians, and other creatives share their skills at our school
- **Weekly Piano Lessons** for 3rd and 4th graders
- **Partnerships and Field Trips:** The Cowles Center for Dance & Performing Arts, The Minnesota Orchestra, Perpich Center for Arts Education, The Ordway Center for Performing Arts, Children's Theatre Company, CLIMB Theatre, The National Theatre for Children, The North Star Boys' Choir, Prairie Fire Children's Theatre, VSA Minnesota, and VocalEssence Choir
- **Student Activities:** Visual Art Troupe, Spotlight Concerts, African Drumming Ensemble and more!

Benefits of Arts Instruction:

- Students learn using a creative, hands-on approach
- Students are able to demonstrate understanding through the arts
- Increased critical and creative thinking skills
- The arts develop a well-rounded student

STEM MAGNET

Instruction that integrates **science, technology, engineering, and math** with an **environmental emphasis**

+ STEM Integration:

- **STEM is integrated daily into core subjects**
- **Unique Campus:** Students learn from projects in our school forests, vegetable gardens, rain garden, flower gardens, vineyards, and the Crow River
- **STEM Exploratory Classes:** Students will explore Engineering, Agriculture, and Technology
- **Digital Skills:** Students learn how to create a web page, code, and create visual projects
- **Makerspace:** Makerspace fosters innovation through hands-on experimentation and problem-solving collaboration
- **Partnerships and Field Trips:** U of M Raptor Center, Baker Near Wilderness Settlement, 3-Day Deep Portage Trip (grade 6), and more!

Benefits of STEM Instruction:

- Career aspirations begin in Middle School
- STEM training teaches problem solving
- STEM education facilitates hands-on learning
- STEM education facilitates innovation

IB MAGNET

Infuses a core curriculum with a **world focus** that can help young people understand their role as responsible world citizens

+ IB Integration:

- **IB is for ALL:** Middle Years Programme (MYP) are for grades 9 and 10, and Diploma Programme (DP) and Career-Related Programme (CP) are for grades 11 and 12
- **Student Interests:** Students have the opportunity to work on topics they are passionate about and dig deeper to learn more
- **Trained Staff:** Additional staff training helps to develop skills needed for academic and personal success
- **Global Influence:** Students gain respect and understanding for other perspectives, cultures and languages
- **Community Engagement:** Students take an active role in their community and develop civic responsibility



Benefits of IB Instruction:

- An IB Diploma can earn college credit and ALL students are given the opportunity to test for credit
- IB Diploma graduates have a higher college and university acceptance rate and higher college completion rate
- The rigor of IB closely models the demands of a student's first year in college
- IB students learn by doing, connecting the classroom to the larger world