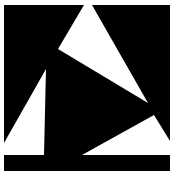
Algebra Readiness Assessment
Update August 2009

The Algebra readiness assessment, which this year will be the *Iowa Algebra Aptitude Assessment*, coupled with the information on the *APS Mathematics Placement Matrix* can be used to help school staff make decisions regarding a middle school student's math placement.

District Assessment:



- *Iowa Algebra Aptitude Assessment* is available in two forms.

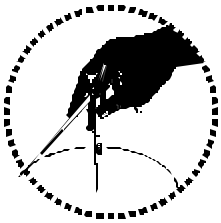
Administration and Logistics:

- Optional assessment for students in grades 7 & 8.
- This assessment is a 50-minute group-administered test and can provide the classroom teacher with information on the student's readiness for Algebra I.
- This is an on-line assessment administered and scanned through the Data Director system.
- It was designed for students in 7th and 8th grades to assist in determining their readiness for Algebra I.
- The Readiness Assessment can be administered to 6th grade students if they are high functioning in math and are being considered for Algebra I in 7th grade.
- The assessment can help school staff determine:
  - If a child is ready to take Algebra I.
  - If a child will need additional support during Algebra I (Math Lab/Tutoring).
  - If a child needs to take additional (not for HS credit) math classes before taking Algebra I.

Testing Window:

- There is no set testing window for this assessment and it can be administered to students at any point in the school year.
- Recommended testing windows:

7th Grade	8th Grade
End of Year	Any time during 8th grade



IAAT Reflects NCTM and NM Standards:

1. Part 1: Understanding pre-algebraic number skills and concepts.
2. Part 2: Interpreting mathematical information presented in graphs or texts.
3. Part 3: Finding formulas to represent for numerical relationships.
4. Part 4: Using and understanding important symbols of algebra.