

Andrew Middle School News

January 8-12

Upcoming Events

8th Grade Visit to Maquoketa -
Tuesday, January 9

i-Ready Assessments begin January 22

Chicken Chores

On duty this week are:

Kayla, Jariyana, and Hannah

Students who complete chicken chores
this week, will be bringing home
washed eggs on Friday.

Weekly Reminders

i-Ready Reading - 1 Lesson
i-Ready Math - 2 Lessons

Missing Work completed by Thursday

Google Classroom

Please check Google Classroom to
keep up to date on weekly
assignments. If you need access
please let a teacher know!

Textbooks

The Algebra and Spanish textbooks
can be found at
portal.pearsonschool.com

Due This Week

Pre-Algebra - Mini Quiz Monday
Algebra - Mini Quiz Monday
8th Grade Spanish - Speaking Test
Wednesday

Lunch Menu

Breakfast:

M: PB&J Uncrustable

T: Scrambled Eggs

W: Breakfast Wrap

Th: Ham, Egg, & Cheese Sandwich

F: Donuts

Lunch:

M: Grilled Chicken w/ Pretzel Bun

T: Taco in a Bag

W: Meatballs

Th: Turkey Gravy over Biscuits

F: Pulled Pork Sandwich

Dear 8th grade families,

8th grade students will be visiting both Maquoketa and Bellevue High School's this month to begin the transition for High School. On Tuesday, January 9, our 8th grade class will be visiting Maquoketa High School to learn more about their school. Please see below for our agenda. The date is still being determined for our visit to Bellevue High School. More information will be shared as soon as the date is set.

The schedule for Tuesday's visit is:

9:20 Arrival

9:20-9:45 Panel of former Andrew Students

9:50-10:50 Tours of the building

11:00 Lunch

11:25 - Depart

Please contact Mrs. Notz or Mrs. Wagner if you have any questions.

Thank you!

This Week...

ANDREW MIDDLE SCHOOL

algebra:

This week in Algebra, we are continuing our new unit on inequalities. Students will have mini quizzes on the different lessons throughout the week. The standards of focus are: "Create equations and inequalities in one variable and use them to solve problems." and "Represent constraints by equations or inequalities, and by systems of equations and/or inequalities, and interpret solutions as viable or nonviable options in a modeling context." Look for assignments on Google classroom or with worksheets.

pre-algebra:

This week in pre-algebra, we are beginning our new unit on integers. Students will have a quiz over the intro to integers involving representing integers in real-world situations, identifying integers on a number line, and identifying absolute value of a given integer. We will continue this week by working with integers on the coordinate plane, and graphing coordinate pairs involving negatives. The standards of focus are: "Use positive and negative numbers to represent quantities in real-world contexts, explaining the meaning of 0 in each situation." and "Understand a rational number as a point on the number line. Extend number line diagrams and coordinate axes familiar from previous grades to represent points on the line and in the plane with negative number coordinates."

6th & 7th science:

Students will have their final quiz on energy pyramids and biotic/abiotic factors on Wednesday. We will begin to explore the theory of sexual selection and how certain characteristics give individual organisms an advantage in reproduction. Our standards of focus are: "Develop a model to describe the cycling of matter and flow of energy among living and nonliving parts of an ecosystem." and "Use argument based on empirical evidence and scientific reasoning to support an explanation for how characteristic animal behaviors and specialized plant structures affect the probability of successful reproduction of animals and plants respectively."

This Week...

ANDREW MIDDLE SCHOOL

8th grade science:

We will be working on an Eco-Engineering project in which students will make suggestions to Mrs. Notz on ways our school can minimize its impact on the environment. We will wrap up the week beginning the topic of natural selection and looking at the role genetics plays in that process. Our standard of focus is: "Apply scientific principles to design a method for monitoring and minimizing a human impact on the environment."

social studies:

This week we will be starting our unit on human rights. Students will be reading about human rights protected in the U.S. and will also investigate how legislation has helped preserve human rights. Our standard of focus is: "Describe the roles of political, civil, and economic organizations in shaping people's lives."

spanish:

In Spanish this week, we are reviewing likes and dislikes, to prepare for the Chapter Test next week. Students will be completing review assignments, so be looking for worksheets on these topics. Students are also working on their Spanish Culture project on the Spanish Monarchy in 1492. 6th & 7th grade have their project due on January 19 and 8th grade will have their's due on January 26.

p.b.l:

We will have an assessment on organizing writing this week. Student groups will be finishing their natural disaster websites. Our next phase in this project will be an engineering segment in which student groups design and build structures resistant to natural disaster (either flood, hurricane, or earthquake). Our standards of focus for PBL are: "Write informative/explanatory texts to examine a topic and convey ideas, concepts, and information through the selection, organization, and analysis of relevant content." and "Define the criteria and constraints of a design problem with sufficient precision to ensure a successful solution, taking into account relevant scientific principles and potential impacts on people and the natural environment that may limit possible solutions."

This Week...

ANDREW MIDDLE SCHOOL

e.l.a

Students in 6th and 7th grade will be starting on *The Diary of Anne Frank*, while 8th grade are starting a Literature circle book study. Students will be expected to do their daily assignments that will be provided to them daily in class as well as on their google classroom page. All students will be working on the following writing standard: "Write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of discipline-specific tasks, purposes, and audiences."

About The Standards

ANDREW MIDDLE SCHOOL

Spanish:

In Spanish, we use the national foreign language standards, so they are general standards for the teaching of all foreign languages and these standards remain the same in all schools. These five standards are known as the 5 C's: Communication, Culture, Connections, Comparisons, and Communities. The standards are not split by individual grade levels, but by teaching bands (elementary, middle, high school). At the middle school level students should be able to be at beginning stage to moderate stage in their Spanish proficiency by the time they enter high school. The standards we are currently focusing on are communication standards of interpersonal, interpretative, and presentation. Our focus is on being able to interpret other people's opinions, express our own opinion in writing, and present our opinion through speaking.

Pre-Algebra:

Due to 6th and 7th grade being a combined group of students this year, our shift in standards went from grade-divided standards to utilizing the standards & skills that would prepare students for Algebra studies. 13 out of the 20 standards are related to the 7th grade standards. 4 out of the 20 standards (ratios, statistical questions, long-division, and the operations with decimals), are related to the 6th grade standards that are prerequisite to any pre-algebra or Algebra work and are continuously reviewed throughout each year in middle school. The remaining 3 standards are related to the 8th grade standards that are prerequisite to the high school Algebra course students all take their 8th grade year (analysis of proportional relationships, identifying rational & irrational numbers, & solving one variable equations/inequalities). Together these standards make up the pre-algebra course.

Algebra:

In order to best prepare our students for high school, the shift from 8th grade mathematics to high school Algebra has taken place. The standards used for this class are the Common Core High School Algebra I Standards. The benefit of this, is that many of these standards are also similar to the 8th grade core content standards, just on a heightened, more in-depth level. Thus, by the end of the students' 8th grade year, they will have met the sixth through eighth grade Common Core standards, as well as the high school Algebra I standards, all within their 3 years at Andrew Middle School.

About The Standards

ANDREW MIDDLE SCHOOL

Social Studies:

In social studies we are covering the new 7th grade standards, since all students were taught 8th grade social studies standards last year with mixed-grade groups. Iowa's new social studies standards are grouped by grade according to topics being covered rather than the skills that are learned. Social studies literacy standards are grade-banded for grades 6-8. All students will have been taught the 6th, 7th, and 8th grade social studies standards by the time they finish 8th grade.

Science:

For science, the combined 6th/7th grade class is learning 7th grade science standards and will learn 8th grade standards next year. This year's 6th grade class will actually be learning the 6th grade standards in 8th grade. Once again, the science standards are grouped by grade according to topic, not necessarily skill or ability level, and students will have learned all the standards by the time they finish 8th grade.

ELA:

In ELA, we consider literacy standards that are essential for middle school and are either similar for 6th, 7th, and 8th grade or are grade-banded for literacy. The essential standard is the same for all classes, however, 8th graders are expected to complete the standard more in depth than 7th graders. Likewise, 7th graders should complete the standard with more detail than 6th graders.

PBL:

In PBL, we consider literacy standards that are essential for middle school and are either similar for 6th, 7th, and 8th grade or are grade-banded for literacy in science/social studies. For example, our first project focused on the following reading standard, grade-banded for grades 6-8 in Literacy in Science & Technical Subjects: Compare and contrast the information gained from experiments, simulations, video, or multimedia sources with that gained from reading a text on the same topic. (RST.6-8.4)