

*BECKMAN CATHOLIC HIGH SCHOOL
ANNUAL REPORT OF PROGRESS 2017-2018*

READING GOAL SETTING

Long Range Reading Goal: All students in grades 7-12 will improve **proficiency in reading comprehension** in order to be prepared for success beyond high school.

Annual Improvement Local Reading Goal for 2016-2017

On the 2017 Iowa Assessments, our school will increase the average National Standard Score of students in the classes of 2019 to 2022 by 5 points from 272.8 to 277.8 on the reading comprehension component as reported on the Building Performance Profiles of the Iowa Assessments.

Was annual improvement goal met?

- Yes the goal was met**
- No it was not met

Data to support the 2016-2017 goal:

The English department met the 2016-2017 goal of increasing the average National Standard Score of students in the class of 2019 to 2022 by 5 points from 272.8 to 277.8 on the reading comprehension component as reported on the Building Performance Profile of the Iowa Assessments. Reading comprehension scores increased by 11.2 points on average for the classes of 2019 to 2022 moving from an NSS of 272.8 to 284.

Iowa Assessment Reading Scores				
Class	2016 Average NSS	2017 Average NSS	Growth	Growth Goal
2023	NA	246.6	NA	10
2022	246.4	263.8	17.4	10
2021	260.3	288.0	27.7	10
2020	289.7	298.8	9.1	10
2019	296.7	287.9	-8.8	NA
2019-2022	272.8	284.0	11.2	NA
2020-2023	NA	273.4	NA	10

Graduating Class English and Reading ACT Scores						
Year	English			Reading		
	Beckman	State	National	Beckman	State	National
2013	20.2	21.5	20.2	21.7	22.5	21.1
2014	23.8	21.5	20.3	23.4	22.5	21.3
2015	23.1	21.6	20.4	22.7	22.7	21.4
2016	23.3	21.4	20.1	24.3	22.7	21.3
2017	22.4	21.2	20.3	23.3	22.6	21.4

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Reading Data Analysis			
Class	Strengths	Area for Improvement	Focus for 2018
2023	Vocabulary and usage and grammar	Key ideas	Improving explicit meaning
2022	Vocabulary and capitalization	Usage and grammar-- along with spelling	Incorporating more assessed writing in response to readings
2021	Reading Essential Competencies	Vocabulary	Vocabulary in reading context
2020	Reading (overall)	Conceptual Understanding	Develop connections between literature and real world contexts
2019	Sentence structure, informational text, conceptual understanding	Literary texts, author's craft, extended reasoning; reading more literary fiction/nonfiction.	Encouraging reading literary texts, focus on examining text for purpose & understanding.

Department Actions

- Class of 2019: Create more interested-readers and improve reading fluency through encouraging reading literary texts, and focusing on examining said texts for purpose and understanding.
- Class of 2020: Improve students' conceptual understanding by developing connections between literature and real world contexts in order to apply what they have learned to other classes.
- Class of 2021: Incorporate vocabulary awareness into literature and implement vocabulary strategy usage.
- Class of 2022: Incorporate more assessed writing, i.e., grammar and spelling, after reading texts in order to increase NSS average by 10 pts to 273.8.
- Class of 2023: Develop the students' reading skills by incorporating more variety in the classroom teaching strategies; more focus will be put on strengthening explicit meaning.

Annual Improvement Local Reading Goal for 2017-2018: On the 2018 Iowa Assessments, our school will increase the average National Standard Score of students in the classes of 2020 to 2023 by 10 points from 273.4 to 283.4 on the reading comprehension component as reported on the Building Performance Profiles of the Iowa Assessments.

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SCIENCE GOAL SETTING

Long Range Science Goal (Local): All students in grades 7-12 will achieve **proficiency in science** in order to be prepared for success beyond high school.

Annual Improvement Local Science Goal for 2016-2017

On the 2017 Iowa Assessments, our school will increase the average National Standard Score of students in the classes of 2019 to 2022 by 5 points from 268.5 to 273.5 on the science component as reported on the Building Performance Profiles of the Iowa Assessments.

Was annual improvement goal met?

- Yes, it was met**
- No

Data to support the 2016-2017 goal:

The science department met the 2016-2017 goal of increasing the average National Standard Score of students in the class of 2019 to 2022 by 5 points from 268.5 to 273.5 on the science component as reported on the Building Performance Profile of the Iowa Assessments. Science scores increased by 18.8 points on average for the classes of 2019 to 2022 moving from an NSS of 268.5 to 287.3.

Iowa Assessment Science Scores				
Class	2016 Average NSS	2017 Average NSS	Growth	Growth Goal
2023	NA	252.9	NA	+15
2022	250.9	269.9	19.0	+15
2021	261.7	283.5	21.8	+15
2020	271.6	296.9	25.3	+15
2019	290.6	300.8	10.2	NA
2019-2022	268.5	287.3	18.8	NA
2020-2023	NA	275.1	NA	+15

Graduating Class Science ACT Scores			
Year	Beckman	State	National
2013	22.1	22.2	20.7
2014	22.9	22.2	20.8
2015	22.3	22.3	20.9
2016	23.4	22.3	20.8
2017	23.1	22.1	21.0

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Science Data Analysis			
Class	Strengths	Area for Improvement	Focus for 2018
2023	Proficiency in Life Science and extended reasoning	Problems involving essential competencies and Earth/Space	Basic science reasoning, facts, terminology, basic principles, and steps of scientific method
2022	Life Science and extended reasoning	Conceptual Understanding and Earth/Space	Focus on scientific concepts and explaining phenomena, analyze and interpret data
2021	Earth and Life Science and Extended Reasoning	Conceptual Understanding	Focus on scientific concepts and explaining phenomena, analyze and interpret data
2020	Physical Science and Essential Competency	Earth/Space and Extended Reasoning	Focus on evaluating scientific findings, experimental design, proposing solutions
2019	Physical Science and Essential Competency	Earth/Space and Extended Reasoning	Focus on evaluating scientific findings, experimental design, proposing solutions

Department Actions

Classes of 2019 and 2020: Increase instruction and learning involving extended reasoning in the earth and space science domains. The focus will be on evaluating scientific findings, experimental design, proposing solutions. We will use the formative assessment process to provide feedback encouraging a Growth Mindset to learning.

Classes of 2021 and 2022: Increase instruction and learning involving conceptual understanding cognitive levels. The focus will be on scientific concepts and explaining phenomena and analyzing and interpreting data. We will use the formative assessment process to provide feedback encouraging a Growth Mindset to learning.

Class of 2023: Increase instruction involving essential competencies of science focusing on the domains of earth and space sciences. We will use the formative assessment process to provide feedback encouraging a Growth Mindset to learning.

Annual Improvement Local Science Goal for 2017-2018: On the 2018 Iowa Assessments, our school will increase the average National Standard Score of students in the classes of 2020 to 2023 by 15 points from 275.1 to 290.1 on the science component as reported on the Building Performance Profiles of the Iowa Assessments.

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MATH GOAL SETTING

Long Range Math Goal: All students in grades 7-12 will achieve **proficiency in math** in order to be prepared for success beyond high school.

Annual Improvement Local Math Goal for 2016-2017

On the 2017 Iowa Assessments, our school will increase the average National Standard Score of students in the classes of 2019 to 2022 by 7.5 points from 273.5 to 281 on the math component as reported on the Building Performance Profiles of the Iowa Assessments.

Was annual improvement goal met?

- Yes, the goal was met**
- No

Data to support the goal:

The math department met the 2016-2017 goal of increasing the average National Standard Score of students in the class of 2019 to 2022 by 7.5 points from 273.5 to 281 on the mathematics component as reported on the Building Performance Profile of the Iowa Assessments. Math scores increased by 16.6 points on average for the classes of 2019 to 2022 moving from an average NSS of 273.5 to 290.1.

Iowa Assessment Math Scores				
Class	2016 Average NSS	2017 Average NSS	Growth	Growth Goal
2023	NA	252.9	NA	20
2022	249.2	271.5	22.3	15
2021	259.0	280.4	21.4	19
2020	288.5	299.4	10.9	10
2019	299.1	311.6	12.5	NA
2019-2022	273.5	290.1	16.6	NA
2020-2023	NA	275.3	NA	15

Graduating Class ACT Math Scores			
Year	Beckman	State	National
2013	21.7	21.6	20.9
2014	23.1	21.4	21.3
2015	23.3	21.5	21.4
2016	23.2	21.4	21.3
2017	22.7	21.3	21.4

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Math Data Analysis			
Class	Strengths	Area for Improvement	Focus for 2018
2023	Number Sense	Compute w/ Fractions	More work with Fractions
2022	Algebraic Manipulation	Compute w/ Fractions	More work with Fractions
2021	Algebraic Patterns and Connections	Decimals and Algebraic Computations	Discussion and work on mental math skills
2020	Algebraic Patterns and Connections	Fractions	Discussion and work on mental math skills
2019	Algebraic Patterns and Connections	Integers	Discussion and work on mental math skills

Department Actions

Utilizing our work pertaining to the Growth Mindset and Mathematical Mindsets, we will prioritize the metacognitive practice of approaching and solving problems. We will highlight the following points of emphasis for each class...

- Classes of 2019-2021: We are going to focus on doing number talks with mental math skills. The talks will largely involve solving problems within extended reasoning cognitive level.
- Class of 2022: We are going to focus on doing more work and number talks with fractions. The talks will largely involve solving problems within the conceptual understanding and extended reasoning cognitive levels.
- Class of 2023: We are going to focus on doing more work and number talks involving the essential competencies of fractions. The talks will largely involve solving problems within the essential competency and conceptual understanding cognitive levels.

Annual Improvement Local Math Goal for 2017-2018: On the 2018 Iowa Assessments, our school will increase the average National Standard Score of students in the classes of 2020 to 2023 by 15 points from 275.3 to 290.3 on the math component as reported on the Building Performance Profiles of the Iowa Assessments.