

# Board Curriculum Committee

September 7,  
2023





# **Committee Information**



# Administrative Team



Exec Director  
Chane Beam



Specialist  
Jen Morgan



Coordinator  
Mackenzie Staiger



Coordinator  
Tara DeVaughn



CTE Director  
Andrea Wade



## Board Curriculum Committee Schedule

Thursday, September 7, 2023

Thursday, October 5, 2023

Thursday, November 2, 2023

Thursday, December 7, 2023 (tentative)

Thursday, January 11, 2024

Thursday, February 1, 2024

Thursday, March 7, 2024

Thursday, April 4, 2024

Thursday, April 18, 2024 (tentative)

# Board Curriculum Committee Information Sheet

The Board Curriculum Committee (BCC) is established in accordance with [Policy 236.1](#) (School Board Committees to Advise Administration and the School Board) and [Policy 910](#) (Curriculum Development). Administrative Regulation [\(AR\) 236.1](#) details the structure of administrative committees, [AR 910](#) outlines the process for curriculum development, [AR 910.1](#) states a review of current needs and relevant educational research must be conducted prior to curriculum revision, and [AR 910.3](#) establishes that revised curricula will be presented to the BCC.

# Board Curriculum Committee Membership

## MEMBERSHIP OF THE COMMITTEE:

The BCC consists of 17 members, including one non-voting School Board member assigned by the Board president to chair the committee and one non-voting administrative staff member assigned by the superintendent to provide support and act as chair in the absence of the assigned Board chair. The BCC also contains one elementary and one secondary principal assigned to the committee by the Fairbanks Principals' Association (FPA) president, one elementary and one secondary teacher assigned to the committee by the Fairbanks Education Association (FEA) president, one tribal consultation representative assigned to the committee by the Fairbanks Native Association executive director, and one student assigned by the Regional Student Council. Additionally, three parents and six community-at-large members are selected to participate in the BCC via an application process, with the final selection made by the Board chair. Voluntary BCC members are limited to membership on one committee. District employees may not serve on the BCC in the capacity of a parent or community member.



# Board Curriculum Committee Terms

## LENGTH OF TERMS:

The committee meets on the school year schedule; members' terms start in September and are completed in May.

- School Board chair - appointed annually (1-year term; 2 term limit)
  - Administrative Staff Member – appointed annually (no term limit)
  - Principals – appointed annually (1-year term; 2 term limit)
  - Teachers – appointed annually (1-year term; 2 term limit)
  - Student – appointed annually (1-year term; 1 term limit)
  - Tribal Consultation Member – appointed (2-year term, 1 term limit)
  - Parents – selected through the application process (2-year term; 1 term limit) •
- Community members – selected through the application process (2-year term; 1 term limit)

A committee member that wants to continue to serve after reaching their term limit must allow one year to pass prior to reapplication or request for assignment.

# Board Curriculum Committee Rules

## STAFF TO THE COMMITTEE:

The superintendent may assign additional district staff to the BCC in order to provide support and resources as necessary. The additional staff are not voting members of the committee.

## MEETINGS:

As a Board committee, a quorum is required for the committee to meet. All meeting procedures will follow *Robert's Rules of Order*, and the BCC is subject to the Alaska Open Meetings of Governmental Bodies Act ([AS 44.62.310](#)). Meetings will be held prior to presenting recommendations for adopting curriculum or textbooks/materials to the School Board. The meetings will be public, and public testimony is not taken during the meetings. Committee meetings will not be held during recognized school holidays or breaks, and if school is canceled such as for inclement weather.

## ATTENDANCE:

If a voting member misses more than 50% of meetings for the current school year, that member may be dismissed and replaced by the school board chair.



### SCOPE OF RESPONSIBILITIES:

The BCC will act in an advisory capacity regarding all aspects of curriculum development. The curriculum review process requires two separate and distinct actions to be taken by the Board: adoption of the curriculum and adoption of the textbooks/materials. The BCC will review each of these recommended actions prior to it being forwarded to the Board for adoption.

Curricular issues of interest to parents, students, and staff will be addressed by the BCC. The subject areas focused on each year will be the curricula identified for evaluation and development. Committee members will gain an understanding of the curriculum development process and may provide input on curriculum development from a variety of perspectives. The BCC will receive information from the administration staff and/or curriculum committees regarding the revisions under consideration. The BCC also has the option to make a committee recommendation to the School Board.

### REPORTING:

BCC meeting notes will be posted on the school district's website. Recommendations from the BCC will be presented to the School Board, as appropriate, by the Board chair via written reports.

## Board Curriculum Committee

### Quick Reference for AK Open Meetings Act & Robert's Rules

- Board committees are governed by:
  1. state statutes and the Alaska Open Meetings Act (§44.62.310-319),
  2. school board policies and administrative regulations, and
  3. in the absence of either, the latest edition of Robert's Rules of Order.
- All meetings must be properly noticed to the public a minimum of five days prior to the meeting.
- The agenda is emailed to committee members and posted on the district website. It cannot be changed once posted unless there is time to properly re-notice the change (four days before meeting). New or additional items cannot be added to the agenda at the meeting, but items can be removed or rearranged.
- All business must be conducted at a properly noticed meeting - no business can be conducted through emails, texts, etc., including providing personal opinions or discussions. Group correspondence outside properly notices meetings could be a violation of the Alaska Open Meetings Act. Emails to the group on general committee operations or to provide one-way factual data/ information is allowed.
- A quorum (simple majority of currently filled membership) must be established to conduct business.
- Meetings are recorded for public record and audio is posted on the district website.
- When speaking, identify yourself for the record, speak clearly and concisely, and obey the rules of debate.
- The structure of meeting adheres to federal law, the Open Meetings Act and/or state statute, borough ordinance, board policies, and if not addressed through any of these avenues, Robert's Rules of Order. The public needs to know when a meeting is called to order, who was in attendance, agenda items, action taken by the committee, who made motions, how the members voted, adjournment, etc.
- Public testimony is not taken during Curriculum Committee meetings.
- Closing comments should be general in nature. All comments related to agenda items should be made when the item is up for discussion to alleviate the chance of an item being rehashed after it has been disposed of, which is not fair to the public process as it does not allow for full debate or provide opportunity for response.

# Board Curriculum Committee

## Open Meetings Act

### **Motions**

A motion is a proposal the entire membership takes action or a stand on an issue. Individual members:

1. Call to order.
2. Move a motion.
3. Second a motion.
4. Debate motions.
5. Vote on motions.

### **Basic Types of Motions**

- Main motions introduce items to the membership for their consideration, cannot be made when any other motion is on the floor, and yield to privileged, subsidiary, or incidental motions.
- Subsidiary motions (amendments) change or affect how a main motion is handled and are voted on before a main motion.

### **Presenting Motions**

1. Obtaining the floor.
  - a. Wait until the last speaker has finished.
  - b. Address the chair.
  - c. Wait until the chair recognizes you.
2. Make your motion.
  - a. Speak in a clear and concise manner.
  - b. Always state a motion affirmatively (e.g., “I move that we” rather than “I move that we do not”).
  - c. Stay on subject.
3. Another member will second your motion or the chair will call for a second. If there is no second to your motion, it is lost.
4. The chair states your motion.
  - a. The chair will state “it has been moved and seconded that we...” thus placing your motion before the membership for consideration and action.
  - b. The membership either debates the motion or may move directly to a vote.
  - c. Once your motion is presented to the membership by the chair, it becomes “assembly property” and cannot be changed by you without the consent of the members.

# Robert's Rules of Order



5. Expanding on your motion.
  - a. The time for you to speak in favor of your motion is at this point in time, rather than at the time you present it.
  - b. The mover is always allowed to speak first.
  - c. All comments and debate must be directed to the chair.
  - d. Keep to the time limit for speaking that has been established.
  - e. The mover may speak again only after other speakers are finished unless called upon by the chair.
6. Amendments may put forward to the motion on the floor (same process as for motions) – maker of the amendment speaks first and after discussion, vote on the amendment is called. Once all amendments have been heard and addressed, you can move to vote on the main motion (as amended, if the amendment carried).
7. Putting the question to the membership.
  - a. The chair asks “Are you ready to vote on the question?”
  - b. If there is no more discussion, a vote is taken.

### **Voting on a Motion**


The method of vote on any motion depends on the situation and the bylaws of policy. Options include:

- By voice – the chair asks those in favor to say “aye” and those opposed to say “no.” Any member may move for an exact count.
- By roll call – each member answers “yes” or “no” as his/her name is called. This method is used when a record of each person’s vote is required.
- By general consent – when a motion is not likely to be opposed, the chair says “if there is no objection...” and the membership shows agreement by their silence. However, if one member says “I object,” the item must be put to a vote.


### **Other Motions Commonly Used**

- Motion to table – this is often used in the attempt to “kill” a motion. The option is always present, however, to “take from the table” for reconsideration by the membership.
- Motion to postpone indefinitely – this is often used as a means of parliamentary strategy and allows opponents of motion to test their strength without an actual vote being taken. Also, debate is once again open on the main motion.

# Robert's Rules of Order



# Curriculum Process





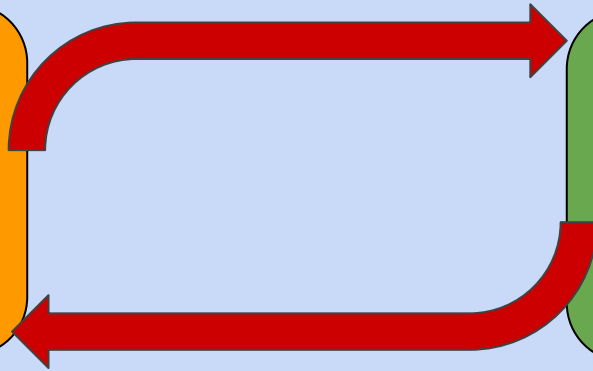
**Admin Team  
brings curricular  
plans to the  
Committee**

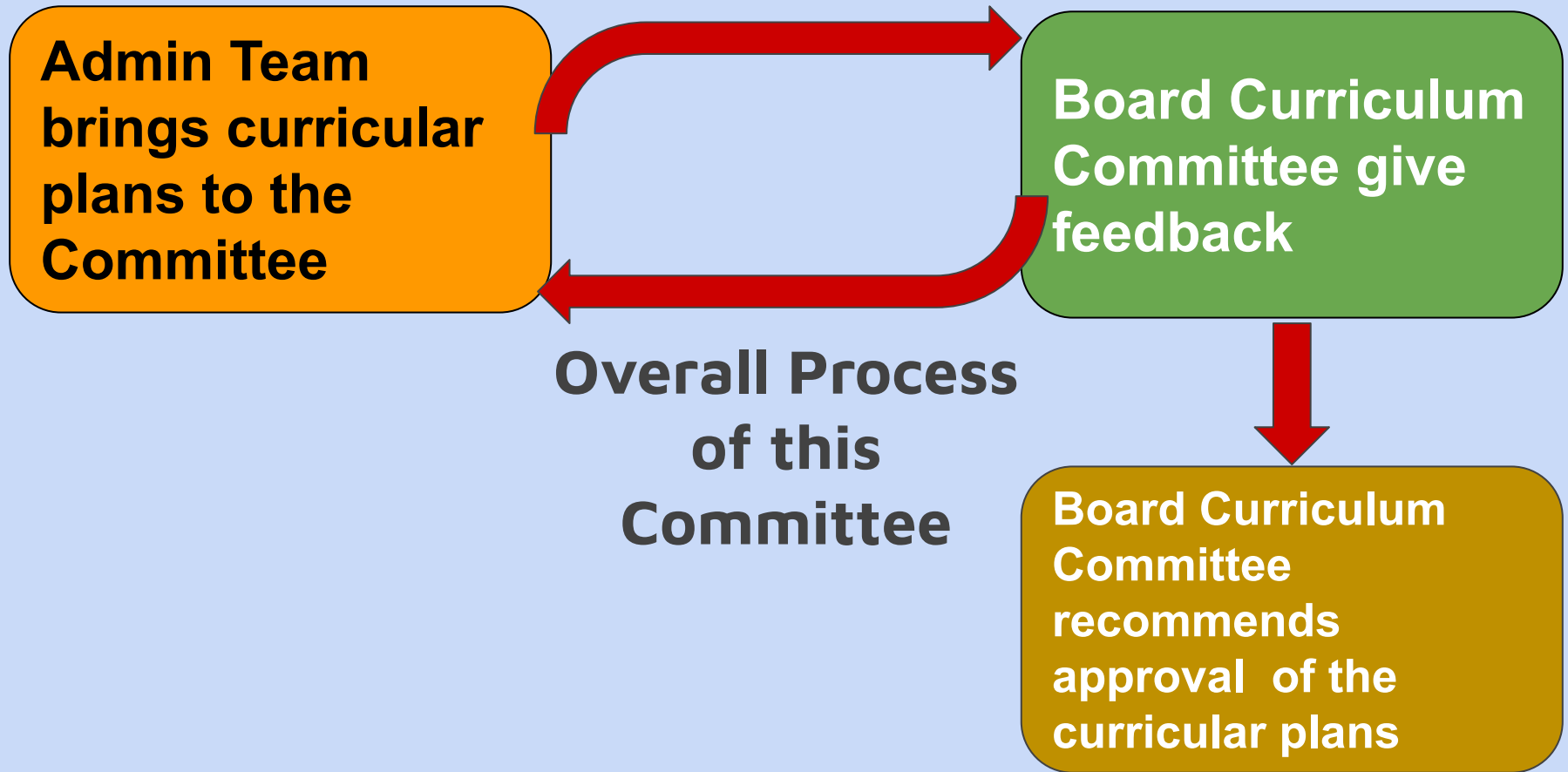
**Could include  
curriculum and/or  
materials**

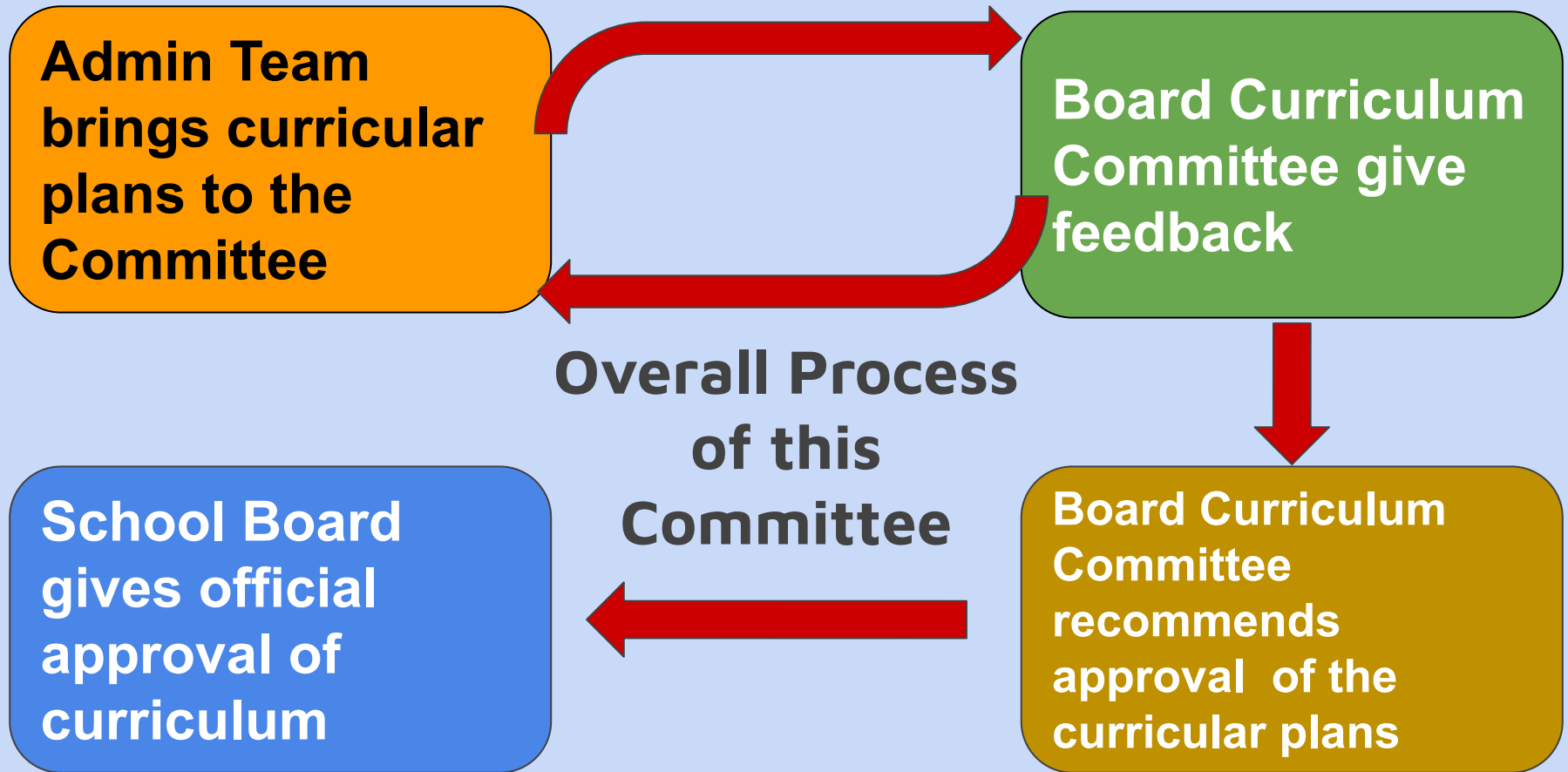
**Will include  
feedback from  
teachers,  
community  
members, other  
stakeholders**

**Overall Process  
of this  
Committee**

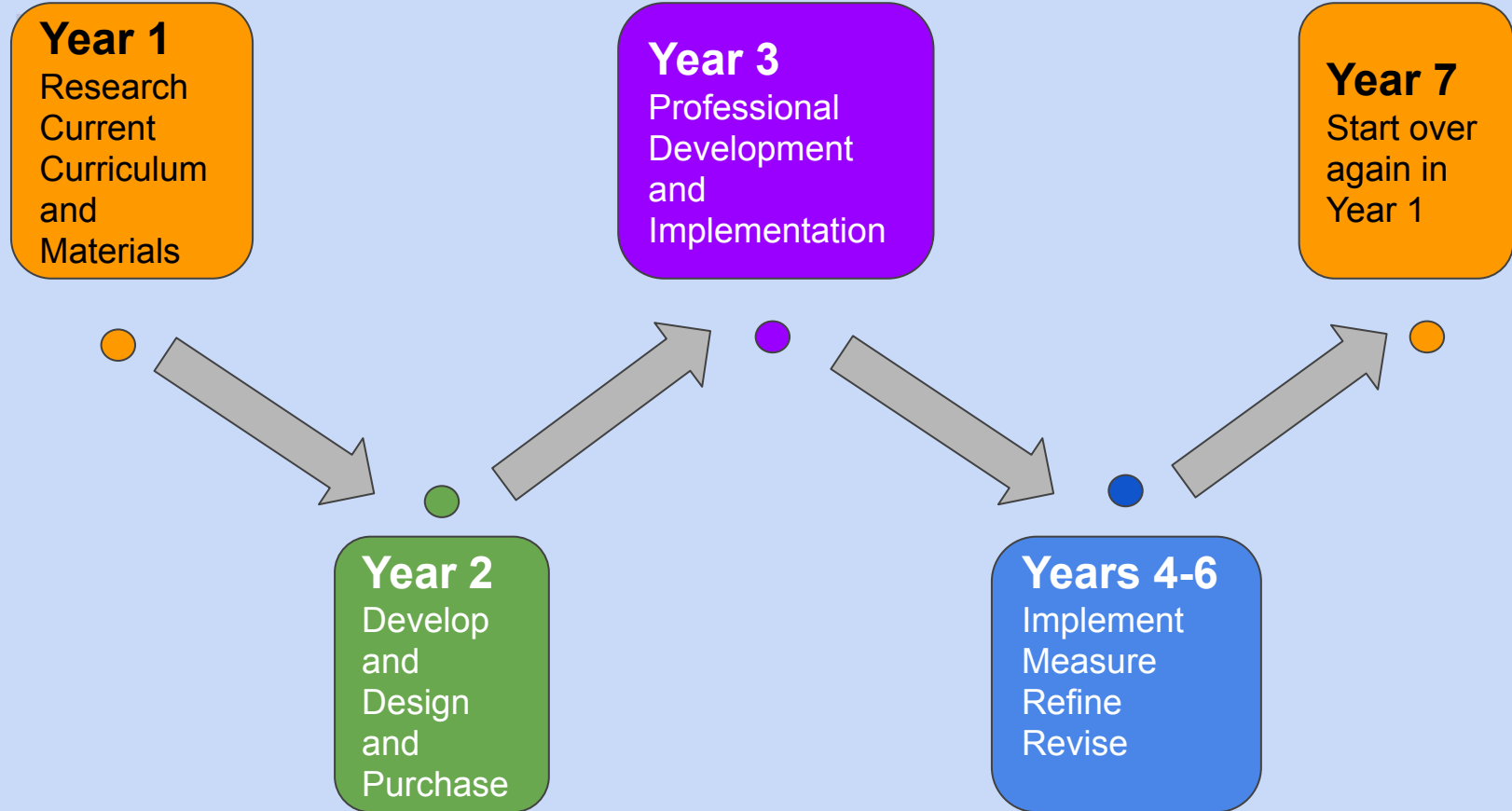
**Board Curriculum  
Committee give  
feedback**

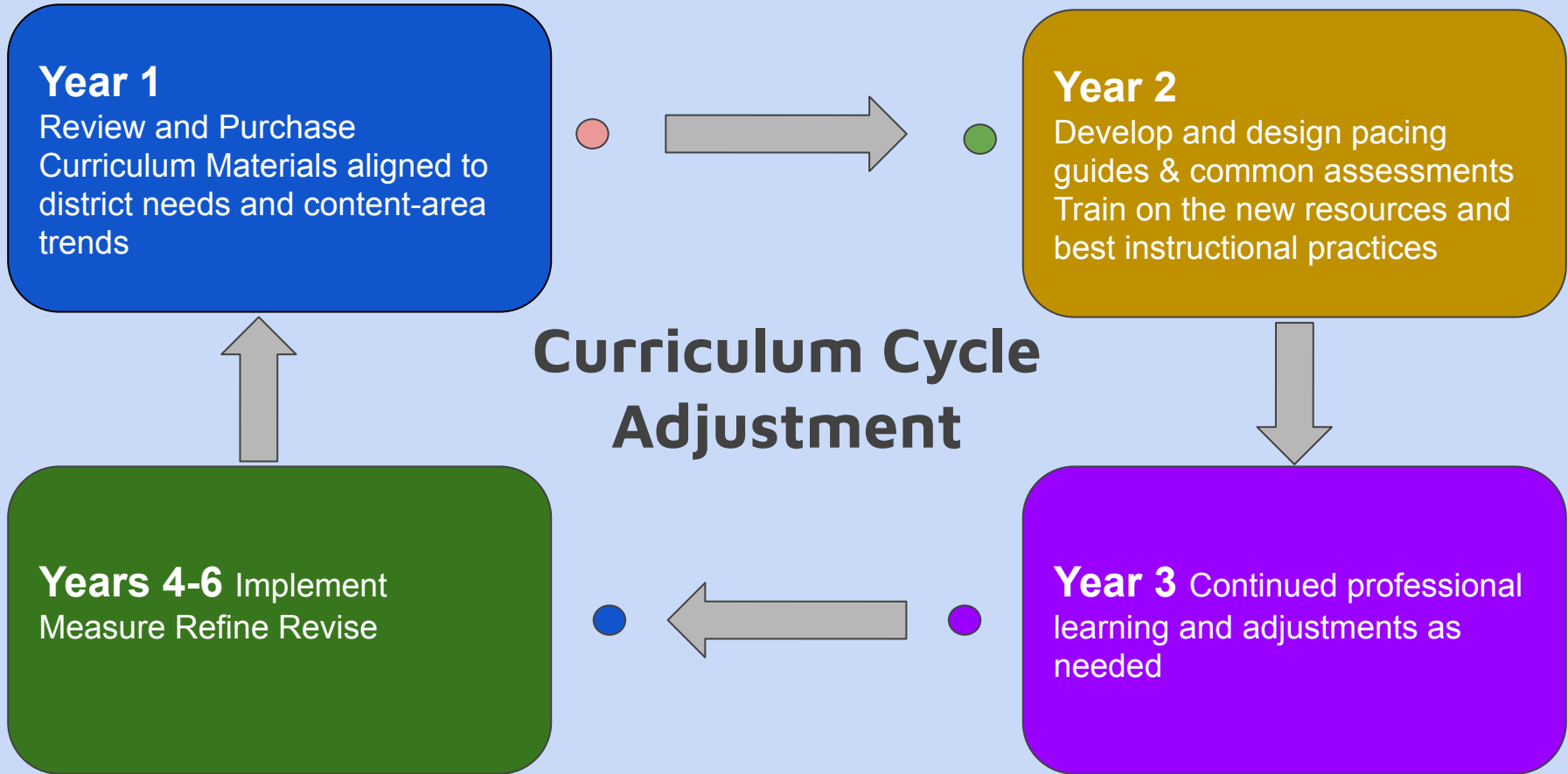






# Previous Curriculum Cycle








# Previous Board Curriculum Cycle

**Curriculum Cycle**


	2018-19	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025
World Languages (2018)	<b>Implement</b>	Measure-Refine-Revise			Research & Review	Develop & Define	<b>Implement</b>
English / Lang. Art (2011)	Research & Review	Develop & Define	<b>Implement</b>	Measure-Refine-Revise			Research & Review
Social Studies (2013)	Research & Review	Develop & Define	<b>Implement</b>	Measure-Refine-Revise			Research & Review
Math (2014/15)	Measure-Refine-Revise	Research & Review	Develop & Define	<b>Implement</b>	Measure-Refine-Revise		
Technology (2011)	Measure-Refine-Revise	Research & Review	Develop & Define	<b>Implement</b>	Measure-Refine-Revise		
Health/ PE (2016)	Measure-Refine-Revise		Research & Review	Develop & Define	<b>Implement</b>	Measure-Refine-Revise	
Science (2016)	Measure-Refine-Revise		Research & Review	Develop & Define	<b>Implement</b>	Measure-Refine-Revise	
Art (2017)	Measure-Refine-Revise			Research & Review	Develop & Define	<b>Implement</b>	Measure-Refine-Revise
Music (2017)	Measure-Refine-Revise			Research & Review	Develop & Define	<b>Implement</b>	Measure-Refine-Revise

# Adjusted Curriculum Cycle

Content Area	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	2028-2029	2029-2030
Science	Develop & Define	Implement	Measure- Refine- Revise			Research, Review, & Materials	Develop & Define
Art	Research, Review, & Materials	Develop & Define	Implement	Measure- Refine- Revise			Research, Review, & Materials
Music	Research, Review, & Materials	Develop & Define	Implement	Measure- Refine- Revise			Research, Review, & Materials
World Language	Research, Review, & Materials	Develop & Define	Implement	Measure- Refine- Revise			Research, Review, & Materials
Health	Measure- Refine- Revise	Research, Review, & Materials	Develop & Define	Implement	Measure- Refine- Revise		
PE	Measure- Refine- Revise	Research, Review, & Materials	Develop & Define	Implement	Measure- Refine- Revise		
English Language Arts	Measure- Refine- Revise		Research, Review, & Materials	Develop & Define	Implement	Measure - Refine - Revise	
Social Studies	Measure- Refine- Revise			Research, Review, & Materials	Develop & Define	Implement	Measure - Refine - Revise
Math	Measure- Refine- Revise				Research, Review, & Materials	Develop & Define	Implement



# Science Curriculum



# **Draft 1: major changes, hopes and dreams**

- adding classes**
- removing  
classes**
- graduation  
requirements**



## Big Questions From Draft 1

1. Increase to the Science graduation requirements.
2. Expanding the list of science course options to include additional CTE courses.
3. Add a new literacy focused *Life Science* course
4. Replace *Honors Biology* with the purchase of *Pre-AP Biology*.





# Increase Grad Requirement to 4 credits

Science teacher vote from 8/11:

Yes: 4

No: 10

Public comment vote:

Yes: 7

No: 8

**Overall:**

**Yes: 11**

**No: 18**

**Science teacher input 9/1:**

Keep current graduation  
requirements:

1.0 Physical Science

1.0 Life Science

1.0 Science Elective



# Current vs Proposed Course List

## Current:

1.0 Physical

1.0 Biological

1.0 Elective

## Proposed:

1.0 Physical

1.0 Life

1.0 Elective

- 1 year of physical science
- 1 year of biological science
- 1 additional year of science

<b>Physical Science (1 year required)</b>	<b>Biological Science (1 year required)</b>
<b>Earth &amp; Space Science</b> (recommended 9 <sup>th</sup> grade course)	<b>Biology</b>
Chemistry	Honors Biology
Chem Tech	AP Biology
AP Chemistry	Natural Resources: Biology A/B
Physical Science	Principles of Biomedical Sciences (CTE/PLTW)
Natural Resources: Physical Science A/B	
Physics	
Conceptual Physics	
AP Physics 1 A/B	
AP Physics 2 A/B	
AP Physics C: Mechanics	
Principles of Engineering A/B (CTE)	
<b>Science Electives</b>	
Alaska Zoology: Fish & Birds*	Geology*
Alaska Zoology: Mammals*	Human Anatomy & Physiology*
AP Environmental Science	Human Body Systems (CTE/PLTW)
Astrobiology*	Intro to Basic Pathophysiology*
Astronomy*	Marine Biology*
Forensic Science*	Microbiology & Botany
Advanced Forensic Science*	Paleontology*

***Note: Any course from the Physical Science or Biological Science Lists may be considered Science Elective after fulfilling the core graduation requirement.***

Life Science Options	Physical Science Options	Science Electives
<ul style="list-style-type: none"> <li>• <i>Alaska Zoology: Fish and Birds</i></li> <li>• <i>Alaska Zoology: Mammals</i></li> <li>• <i>AP Biology</i></li> <li>• <i>AP Environmental Science (semester 1)</i></li> <li>• <i>Biology</i></li> <li>• <i>Environmental Science (semester 1)</i></li> <li>• <i>Human Anatomy and Physiology</i></li> <li>• <i>Introduction to Exercise Science and Sports Medicine (CTE)</i></li> <li>• <i>Pre-AP Biology</i></li> <li>• <i>Life Science</i></li> <li>• <i>Marine Science</i></li> <li>• <i>Medical Terminology (CTE)</i></li> <li>• <i>Wildlife Biology</i></li> </ul>	<ul style="list-style-type: none"> <li>• <i>Advanced Automotive Technology (CTE)</i></li> <li>• <i>AP Chemistry</i></li> <li>• <i>AP Environmental Science (semester 2)</i></li> <li>• <i>AP Physics 1</i></li> <li>• <i>AP Physics 2</i></li> <li>• <i>AP Physics C: Mechanics</i></li> <li>• <i>Chemistry</i></li> <li>• <i>Earth &amp; Space Science</i></li> <li>• <i>Environmental Science (semester 2)</i></li> <li>• <i>Physical Science</i></li> <li>• <i>Physics</i></li> <li>• <i>Principles of Engineering (CTE)</i></li> </ul>	<ul style="list-style-type: none"> <li>• <i>Astronomy</i></li> <li>• <i>Baking Breads and Pastry (CTE)</i></li> <li>• <i>Engineering Design and Development 1A/1B (CTE)</i></li> <li>• <i>Forensic Science 1</i></li> <li>• <i>Forensic Science 2</i></li> <li>• <i>Geology</i></li> <li>• <i>Introduction to Basic Pathophysiology</i></li> <li>• <i>Nutrition in Healthcare (CTE)</i></li> <li>• <i>Paleontology</i></li> <li>• <i>Pharmacy Technician (CTE)</i></li> <li>• <i>Private Ground School 1A/1B (CTE)</i></li> <li>• <i>Sports Nutrition (CTE)</i></li> <li>• <i>Welding 1A/1B (CTE)</i></li> <li>• <i>Welding 2A/2B (CTE)</i></li> </ul>

# Archived Courses

The following courses have been removed from the science curriculum and archived. If a teacher or school is interested in offering one of these courses in the future, they must fill out a pilot proposal form by the deadline listed at [www.k12northstar.org/Page/8841](http://www.k12northstar.org/Page/8841); the course may be offered, pending Teaching and Learning and superintendent approval. If the school would like to look at the old curriculum for the course, contact Teaching and Learning at [teachingandlearning@k12northstar.org](mailto:teachingandlearning@k12northstar.org) or (907) 452-2000 ext. 11422.

Archived courses:

- Astrobiology
- Chem Tech
- Conceptual Physics
- Microbiology
- Natural Resources: Biology
- Natural Resources: Physical Science



# CTE course inclusion



Science teacher vote from 8/11:

Yes: 9

No: 4

Public comment vote:

Yes: 12

No: 3

**Overall:**

**Yes: 21**

**No: 7**

Science teacher input 9/1:

T&L gather more information on proposed course from CTE teachers.

Current cross credited CTE

- Principles of Engineering A/B
- Principles of Biomedical Sciences
- Human Body Systems
- Medical Terminology

Proposed CTE courses

- Intro to Exercise Science and Sports Medicine
- Advanced Auto Tech
- Engineering Design and Development
- Nutrition in Healthcare
- Pharmacy Tech
- Private ground school
- Sports nutrition
- Welding

# Literacy focused life science course



Science teacher vote from 8/11:

Yes: 3

No: 10

Public comment vote:

Yes: 10

No: 4

**Overall:**

**Yes: 13**

**No: 14**

**Science teacher input 9/1:**

Secondary literacy class through  
CLSD grant



# Honors bio replaced with Pre-AP

Science teacher vote from 8/11:

Yes: 5

No: 7

Public comment vote:

Yes: 8

No: 6

**Overall:**

**Yes: 13**

**No: 13**

**Science teacher input 9/1:**

Given cost  
(\$3000/course/site/year) and goal  
with change, will keep current  
honors biology option



# **MS Science 6-8**





# Key Points

Remain Domain Specific

6th - Earth and Space  
Science


7th - Life Science

8th - Physical Science


Draft 1

Public Comment last two  
weeks of September (2  
comments)

Formatting, addition of  
resources and standards



# **Art, Music, and World Languages Curriculum**





## **Year 1**

Review and purchase curriculum materials aligned to district needs and content-area trends

### **September 1st PD:**

1. Are these courses working for our students, teachers, community?
2. What skills and content do we want students to learn over the next six years?
3. Are there any courses we should no longer offer?





# Art

Are current course offerings meeting the needs of students, teachers, and the community?

**100% yes of teachers in attendance**

Skills and content over the next 6 years?

**Foundational courses are necessary and where student should start.  
Increase on digital art skills and course offerings**

Are there any courses we should no longer offer?

**Resounding NO, we need to offer more digital art support**



# Music

Are current course offerings meeting the needs of students, teachers, and the community?

**Yes - 67% No - 33%**

Skills and content over the next 6 years?

**Need a shift in how the courses are structured/recommended. Band, orchestra and choir are the core and should be offered in all schools before other courses are considered.**

Are there any courses we should no longer offer?

**Combining 6th grade specific courses with their MS counterparts, archive elementary jazz band, steel pan, and chamber ensemble**



# World Languages

Are current course offerings meeting the needs of students, teachers, and the community?

**100% NO (only 4 teachers present)**

Skills and content over the next 6 years?

**Basic language skills of reading, writing, speaking, and listening**

Are there any courses we should no longer offer?

**No but with discussion around Spanish being the only language offered in most HS.**



# Next Steps

## **Science 9-12:**

Draft 2 due by 9/17

Public Comment: first 2 weeks of October

## **Science 6-8:**

BCC in October/November

## **Art/Music/World**

## **Languages:**

Public input survey in October

Materials review second semester



# CTE

# Curriculum



# **2023-2024 CTE Curriculum**

**Curriculum Development is critical for CTE funding through the Carl D. Perkins Federal Grant.**

## **PROCESS**

- **Community Local Needs Assessment**
- **Perkins 4 Year Plan**
- **District Curriculum Review and Creation**
- **State Review of Curriculum for Federal Perkins Guidelines.**



- **Architecture and Construction (curriculum revision)**
- **Engineering (curriculum revision)**
- **Education (curriculum creation)**
- **Agriculture (curriculum creation)**





**Thank you**