

OVERVIEW

ASSOC.

ALASKA

SCHOOL

BOARDS





# ASSOCIATION OF ALASKA SCHOOL BOARDS

*Advocates for Alaska's Youth*

February 26, 2001

**Members of the Health, Education and Social Services Committee:**

The Association of Alaska School Boards has initiated a comprehensive school improvement service called "QS2" (Quality Schools/Quality Students). The service is designed to assist school districts and their local communities in raising student achievement to meet or exceed state standards by linking a shared vision for education with successful practices.

Strategic Planning is the required first step and will engage a broad cross section of the public in each district. It is intended to bring about systemic change through emphasis on:

- Leadership
- Programs and staff
- Community and parent engagement
- Maximizing all available resources

AASB will work intensively with selected districts for a three year period, beginning with three districts, adding three more each year up to a total of nine.

AASB has been supported in this effort by the Department of Education, the state university system, the Northwest Regional Education Laboratory, the Alaska Staff Development Network, and Alaska business, industry and civic leaders.

The attached QS2 budget information is intended to demonstrate what we believe are reasonable estimates of the kind of financial resources required to bring school districts into alignment with the Alaska Quality Schools Initiative and the standards based education expectations set by the Legislature. Estimated costs for this service are based on various sizes of districts participating. We compute the average cost per district to be approximately \$220,000 per year, for a total average cost for three years of the service of \$660,000. This is a relatively modest investment considering the expected outcome. Sustaining the results will be far less costly once the initial work is done.

AASB is currently seeking grant assistance to support this service. However, we believe that what will be accomplished is totally in line with many of the recommendations made in the recent Education Adequacy Study and the Funding Task Force Report. We hope that this information will assist the Legislature in seeing the value of providing necessary financial resources through the foundation formula so that all districts are able to engage in focused systemic change to meet the increased expectations for education in Alaska.

AASB believes that QS2 can provide a comprehensive model for how that can happen.



## AASB'S "QS2" SERVICE

*QS2=Quality Schools / Quality Students*

**Vision:** QS2 is a comprehensive school improvement service that will assist school districts and their local communities in raising student achievement to meet or exceed state standards by linking a shared vision for education with successful practices.

It will focus on the development of leadership, programs and staff, and community and parent engagement, by securing and coordinating a balance of local and statewide expertise and resources. QS2 requires long-term district commitment to sustained improvement.

Strategic planning is the essential first step for the QS2 Service; it provides the blueprint for a district to follow.

*Strategic Planning is the umbrella over QS2*

### **Leadership**

- ◆ Board development-Board Standards
- ◆ Advisory Board Development
- ◆ Administrative Team & Skill Building
- ◆ Policy Development & Maintenance

### **Community & Parents**

- ◆ Asset Building
- ◆ Community Engagement
- ◆ Local Entity Collaboration

### **Programs & Staff**

- ◆ Content Standards / Curriculum Alignment / Instruction / Assessment
- ◆ Professional Development
- ◆ Program Evaluation
- ◆ Staff Evaluation – Teacher Standards
- ◆ Business Partnerships

### **Resources**

- ◆ Lobbying Assistance
- ◆ Business Partnerships
- ◆ Coalition Building – State and local
- ◆ Grant Writing
- ◆ Financial Management

## QS2 ACTIVITIES AND SUPPORT

Each QS2 district will have access to the following opportunities, programs and services, depending on their needs as identified through the district inventory and strategic plan:

### LEADERSHIP

- *School Board Development based on Board Standards*
  - √ Conference Attendance – Annual Conference, Leadership Conference, Boardsmanship Academies, Legislative Fly-Ins
  - √ In-district Workshops – Standards based – Roles & Responsibilities, Board/Superintendent Relations, Teamwork, Board Self-Assessment for Continuous Improvement
- *Professional Development for Superintendents and Principals*
  - √ Statewide Leadership Institutes – annually
  - √ Distance Learning Leadership Programs – annually
  - √ In-district technical assistance
  - √ Mentoring

### PROGRAMS & STAFF

- Professional Development for all administrators and teachers focused on a systemic reform process aligned with the Alaska Quality Schools Initiative. Instruction will cover:
  - √ Standards
  - √ Instructional Strategies tied to standards
  - √ Assessments aligned to standards
  - √ Reporting student results in meeting standards
  - √ Sustainability / continuous improvement

Support for each district will include:

- √ Eight days of on-site technical assistance
- √ Distance learning coursework for each administrator and teacher
- √ District team participation in a five-day state summer Quality Schools Institute
- √ Participation by all staff in a five-day in-district summer Quality Schools Institute

### COMMUNITY & PARENT ENGAGEMENT

- Assistance to communities to increase awareness and empowerment for meaningful community engagement in the education process through:
  - √ Consulting assistance on Asset Building for entire communities
  - √ Assets Training of Presenters and Promoters for adults and teens
  - √ Dreams for Teens – “teens working to build assets in themselves and each other
  - √ Process of Community Engagement – a simulation tool for learning the dynamics of engagement

Support for each district will include:

- √ A community engagement specialist based in each district
- √ Technical assistance (personal coaching) provided to each CE specialist
- √ Consulting on creation of a resource map of each district
- √ Resources to support the work of the specialist
- √ Professional contact network with peers who are involved in similar activities

### RESOURCE DEVELOPMENT

- Assistance in identifying additional human and financial resources at the local, state and national levels
- Technical assistance in building business partnerships
- Professional peer review in effective financial management
- Grant writing assistance

<b>QS2 Budget</b>	<b>Yr 00 Planning</b>	<b>Yr 01 3 districts</b>	<b>Yr 02 6 districts</b>	<b>Yr 03 9 districts</b>
QS2 Coordinator	20000	27500	77000	77000
District QS2 liaison One per district, half-time		82500	165000	247500
% AASB Salaries/overhead	57000	100000	100000	100000
AASB direct costs	59088			
Community Engagement Coordinator 1 per 3 districts		77000	154000	231000
District Community Engagement Liaison One per district, half-time		90000	180000	270000
Publications	27000	27000	27000	30000
<b>Totals</b>	<b>163088</b>	<b>404000</b>	<b>703000</b>	<b>955500</b>
<b>Districts 1-3</b>				
Inventory		32000		32000
Strategic Plan		66000	9000	9000
Leadership Training Programs/Staff Training		53000	53000	53000
Community Engagement		150000	157000	157000
		75000	75000	75000
<b>Total</b>		<b>376000</b>	<b>294000</b>	<b>326000</b>
<b>Districts 4-6</b>				
Inventory			32000	
Strategic Plan			66000	9000
Leadership Training Programs/Staff Training			53000	53000
Community Engagement			150000	157000
			75000	75000
<b>Total</b>			<b>376000</b>	<b>294000</b>
<b>Districts 7-9</b>				
Inventory				32000
Strategic Plan				66000
Leadership Training Programs/Staff Training				53000
Community Engagement				150000
				75000
<b>Total</b>				<b>376000</b>
<b>Annual Totals</b>	<b>163,088</b>	<b>780,000</b>	<b>1,373,000</b>	<b>1,951,500</b>



## Who is AASB?

The Association of Alaska School Boards is a non-profit organization that serves as a source of assistance, information, and liaison for school boards and the districts they represent.

## QS2 Partners

The QS2 service is being designed by the Association of Alaska School Boards with contributions and a broad base of support from education and community leaders throughout Alaska.

Partners include:

- ❖ Northwest Regional Education Laboratory;
  - ❖ John Holst, Alaska Superintendent of the Year;
  - ❖ Dr. Shirley Holloway, Commissioner of Education;
  - ❖ Jerry Covey, former Commissioner of Education;
  - ❖ Dr. Bruce Johnson, Deputy Commissioner of EED;
  - ❖ The University of Alaska;
- and Lions Club District 49A.

Endorsed by former Gov. Walter Hickel.

## Costs

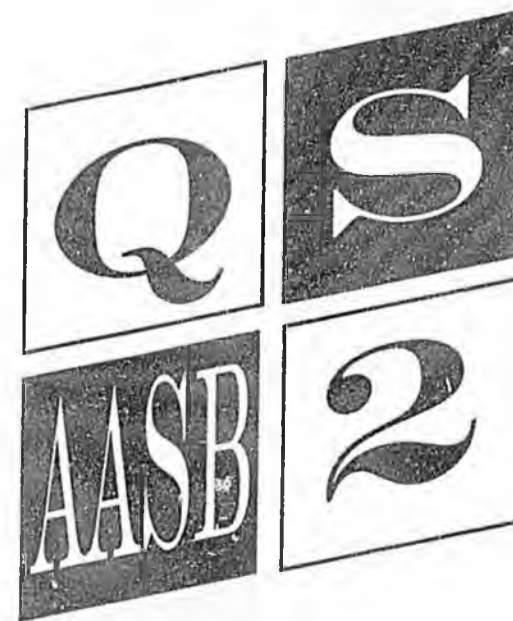
QS2 is available to districts ready to show a three year commitment to the full service, including Strategic Planning, AASB direct services and contracted services by education specialists. The cost will vary depending upon the needs of the individual district. AASB is seeking grant support and districts will be assisted with finding resources in addition to their own contribution of local human and financial resources.

310 West Elizabeth St.  
Juneau, AK 99801-1810



## Investing in Alaska's Future

QUALITY SCHOOLS / QUALITY STUDENTS



## Comprehensive School Improvement:

Building on Sound Academics,  
Applied Learning, and Strong Communities





## Quality Schools / Quality Students

### Comprehensive School Improvement

#### Bringing it all together

Education reform in Alaska takes many forms. Other state initiatives will be incorporated into QS2 goals:

**Sound academics** (through Alaska Student Performance Standards)

**Applied learning** (through the Business Education Compact, Career Pathways) and

**Building strong communities** (through programs like the Alaska Initiative for Community Engagement - Alaska ICE- and Asset Building model)

QS2 is a process to help bring all these efforts together under one umbrella. It's called QS2 - Quality Schools/Quality Students.

#### What is QS2?

QS2 is a comprehensive school improvement service that will assist school districts and their local communities in raising student achievement to meet or exceed state standards by linking a shared vision for education with successful practices.

It will focus on developing:

- ❖ Leadership
- ❖ Programs and Staff
- ❖ Community and Parent Engagement
- ❖ Resources

Services are currently being provided to several "demonstration districts." Additional districts will be selected to receive direct services in succeeding years.

All Alaskan districts will ultimately benefit, as a QS2 quarterly publication and website will be produced so that other districts may replicate the QS2 process for themselves.

## How QS2 Works

### District Inventory

QS2 consultants conduct an "inventory" from which a district will be able to identify priorities. The goal is to determine exactly how and what teachers, students, classrooms, and schools are trying to achieve.

The inventory is similar to a management review. The inventory team serves as visiting colleagues, not as evaluators. No individual in the school is being evaluated. Instead, the review team conducts in depth interviews to ascertain school strengths and weaknesses, how decisions are made within the schools, how the community is involved, what work has been done to meet state standards, and lots more.

### Strategic Planning

Strategic planning is an essential step for the QS2 service to establish a vision for the district and develop an overall plan. Using the "inventory" a district will be able to identify priorities and track progress on strategic planning goals.

### Implementing Best Practices

Areas identified as "in need of improvement" will be the basis of a customized plan of professional assistance and guidance. Assistance will be based on identified "best practices," provided by Alaskans identified as experts in their field and will occur in the district. QS2 is intended to provide measurable results and will be data driven.

## Best Practices

*QS2 Offers District Assistance & Training in the Following Areas*

### Leadership

- ❖ Board Development, Board Standards
- ❖ Advisory Board Development
- ❖ Administrative Team & Skill Building
- ❖ Policy Development & Maintenance

### Programs and Staff

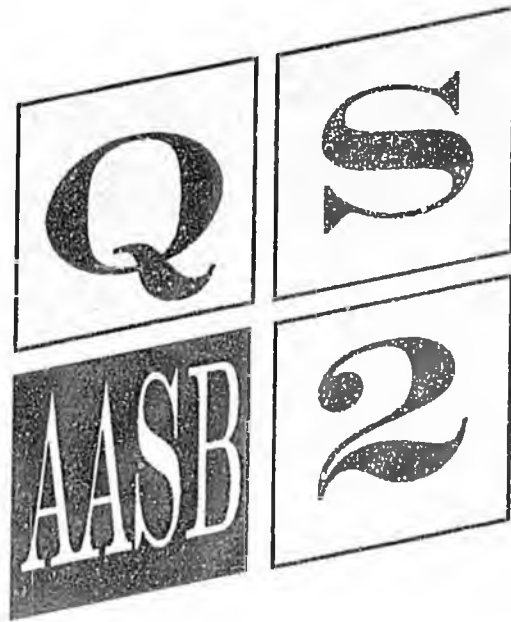
- ❖ Content Standards/Curriculum Alignment/Instruction/Assessment
- ❖ Professional Development
- ❖ Program Evaluation
- ❖ Staff Evaluation/Teacher Standards
- ❖ Business Partnerships

### Community and Parents

- ❖ Asset Building
- ❖ Community Engagement
- ❖ Local Agency Collaboration

### Resources

- ❖ Lobbying Assistance
- ❖ Business Partnerships
- ❖ Coalition Building-State and Local
- ❖ Grant Writing
- ❖ Financial Management



**Association of Alaska School Boards**  
**A Vision for the**  
**Future**

**QS2=Quality Schools /**  
**Quality Students**

*QS2 is a comprehensive school improvement service that will assist school districts and their local communities in raising student achievement to meet or exceed state standards by linking a shared vision for education with successful practices.*

*It will focus on the development of leadership, programs and staff, and community and parent engagement, by securing and coordinating a balance of local and statewide expertise and resources. QS2 requires long term district commitment to sustained improvement. Strategic planning is the essential first step for the QS2 Service. It provides the blueprint for a district to follow.*



## ***Looking Back...***

<u>1950</u>		<u>2000</u>
60%	unskilled	15%
20%	professional	20%
20%	skilled	65%



## ***Business Surveyed***

What employers want:

1. Teamwork—cooperation
2. Interpersonal—responsibility & values
3. Communication
4. Competencies



# ***Business Education Compact***

Top educational issues...

1. Relevance
2. Practical application  
(applied or experiential learning)
3. Multiple measures



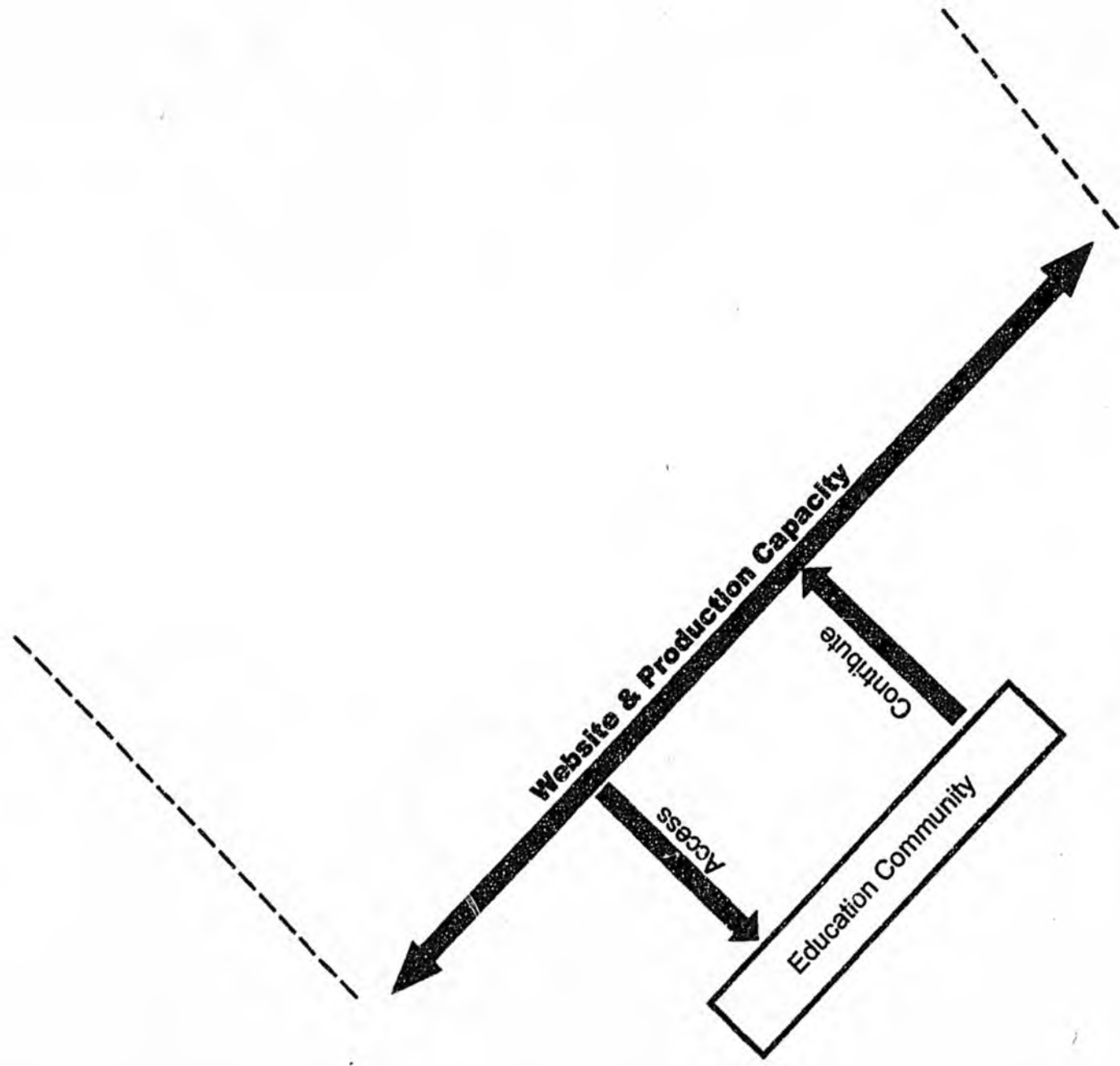
## ***Creating Systemic Change***

1. Academics (standards)
2. Business Education Compact (applied learning)
3. QS2—Quality Schools, Quality Students  
(strategic leadership)
4. Alaska ICE (community engagement)  
*Alaska Initiative for Community Engagement*



# *Looking Ahead...*





Alpha Psi Community Engagement Association



Academics (Standards-HSCOE/Benchmarks)



YEAR 1	YEAR 2	YEAR 3
District 1 District 2 District 3  \$700,000		
	District 4 District 5 District 6  \$1.2 million	
		District 7 District 8 District 9  \$1.8 million

Association of Alaska School Boards



***Backup  
material***

## Fiscal Agent

Association of Alaska School Boards is a 501(c)3 organization representing all of the local school boards in Alaska. Its membership is responsible for 100 percent of the students who attend Alaska's public schools.

## Annual Cost : \$1,625,000

Budget outline, MOA's/letters of support, demonstration of in-kind services are available upon request.

## Key Partners and Supporters

Association of Alaska School Boards, Alaska Department of Health and Social Services, Alaska Department of Education and Early Development, and the Anchorage School District.

## Contact

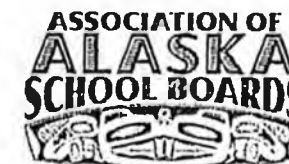
Carl Rose, Executive Director, Association of Alaska School Boards (907) 586-1083



# for Community Engagement

*Alaska - a model for the Nation.*

*Promoting the shared responsibility for Alaska's students to demonstrate academic success, civil behavior, racial tolerance and reduction of risk behaviors.*



<b>Budget Summary for AK-ICE</b>	
<b>Training and Technical Assistance:</b> Salaries and benefits for one full-time coordinator and two full-time trainers and providers of ongoing technical assistance.	\$175,000 per year
<b>Resources:</b> Reprint 100,000 copies of the book <i>Helping Kids Succeed—Alaskan Style</i> , plus development and printing of promotional materials, video production, mailing costs, and community development tools.	\$400,000 per year
<b>Media:</b> Develop, produce, and run an extensive radio and print media campaign throughout Alaska.	\$400,000 per year
<b>Coordination and facilitation:</b> AASB will coordinate AK-ICE, secure and furnish office space, purchase telecommunications equipment, contract with consultants, manage financial resources, and oversee the quality of the initiative.	\$300,000 per year
<b>Demonstration Sites:</b> Award funding to three "greatest need" school districts for the salary/benefits of a local coordinator and to provide a yearly operational budget to cover the costs of travel, telecommunications, professional development, and office space.	\$350,000 per year
<b>Annual Total</b>	<b>\$1,625,000</b>

## Purpose

The Alaska Initiative for Community Engagement (AK-ICE) will give Alaskans, at the local level, the information, tools, and assistance to become intentionally engaged in the shared responsibility for educating Alaska's children and youth. This initiative will result in higher numbers of students passing the Alaska High School! Qualifying Exam, and also reduce the number of Alaskan youth who consume alcohol, use illegal drugs, and tobacco.

Over ten years of national research, by the Search Institute (Minnesota), has shown the more *developmental assets* teenagers have the more likely they are to succeed in school, be racially tolerant, volunteer in their community, and not use alcohol, drugs or engage in early sexual activity. Vincent et al (1987) demonstrated the powerful effect of a coordinated school, parent, media and community based program in changing teenage risk behaviors.

After comparing national and Alaskan Assets data, Alaskans are concerned because too few Alaska high school youth have the number of *assets* necessary to excel in school and avoid health-compromising behaviors. Academic and social skills are difficult, if not impossible to develop in the school environment alone. The book, *Helping Kids Succeed - Alaskan Style*, based on the Search Institute Asset framework, provides clear evidence that youth development is best accomplished when all sectors (family, school, faith, health, business, arts and youth groups) engage in the social and academic development of a teenager.



Association of Alaska School Boards,  
316 West 11th Street, Juneau, Alaska 99801-1510

Phone: (907) 586-1083  
Email: aasb@aasb.org

Fax: (907) 586-2995  
Web site: <http://www.aasb.org>

## How

Student achievement will be increased through an integrated, four-strand approach utilizing the developmental asset framework. AK-ICE will promote the shared responsibility that parents, families, schools, and community members have to ensure their kids success in school and in life. We will identify and focus our services upon three "greatest need" school districts. These will then serve as demonstration sites for the entire state, with information being made available to both statewide and national audiences.

**Training and Technical Assistance:** A statewide coordinator and two trainers will develop, create, and deliver community presentations, youth/adult skill building workshops and provide specific technical assistance and follow-up to schools, school boards, parent and community groups. A minimum of 20 school sites and communities will be served per year.

**Resources:** Materials will be based on the book, *Helping Kids Succeed-Alaskan Style*. Promotional materials will be developed and distributed statewide: posters, pamphlets, business placards, bus signage, parent-child communication tools, a 1/2 hour video, and a reprint of the Alaskan assets book. Educational materials will be developed and distributed statewide: an experiential, assets based curriculum, a community development simulation tool, the Assets card game, and quarterly newsletter.

**Media:** A 4 year media saturation campaign will be developed to reinforce the "shared responsibility for academic success" message. Daily statewide radio spots, weekly newspaper columns and advertisements will be written, produced, and purchased to optimum effect.

**Coordination:** Facilitating, networking and resource sharing across communities. Coordinating an annual conference and administrating statewide communications. A list-serve and web-site will include local community contacts, downloadable parent exercises, teacher/classroom exercises, and other asset-based resources.

## When / Where

To demonstrate and assure success, AK-ICE proposes a 5 year statewide project. It will build upon the grass root excitement and interest in *Helping Kids Succeed - Alaskan Style* that was begun by AASB and our many partners in 1995.



## AASB'S "QS2" SERVICE

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Strategic planning is the essential first step for the QS2 Service; it provides the blueprint for a district to follow.

*Strategic Planning is the umbrella over QS2*

### **Leadership**

- ◆ Board development-Board Standards
- ◆ Advisory Board Development
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### **Community & Parents**

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### **Programs & Staff**

- ◆ Content Standards / Curriculum Alignment / Instruction / Assessment
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- ◆ Business Partnerships

### **Resources**

- ◆ Lobbying Assistance
- ◆ Business Partnerships
- ◆ Coalition Building – State and local
- ◆ Grant Writing
- ◆ Financial Management



# “FAQ’S ABOUT QS2”

QS2 = Quality Schools / Quality Students

## What is QS2 ?

- ◆ QS2 is intended to be a *comprehensive* school improvement service, beginning with Strategic Planning and addressing identified needs in four major quadrants:
  - Leadership
  - Programs & Staff
  - Community & Parent Engagement
  - Resources
- ◆ QS2 is *not* intended to simply be a clearinghouse for districts looking for miscellaneous assistance or a shotgun approach to improvement, but rather a means to help districts “holistically” meet the challenges of the Quality Schools Initiative

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## How will it work?

- ◆ QS2 Service will begin with Strategic Planning, to establish a vision for the district and develop an overall plan
- ◆ Assistance will be provided by Alaskans identified as “experts” in their field and will occur *in* the district, rather than having district staff go outside
- ◆ QS2 Service is intended to provide measurable results and will be data driven
  - A district “inventory” will be taken at beginning to collect baseline data
  - Evaluation will occur at the completion of the specified time, based on established evaluation criteria
- ◆ Improvement efforts will be based on identified “best practices”
- ◆ Assistance is intended to help school boards, administrators, teachers, parents and communities become more effective in their respective roles in educating children and to build collaborative relationships
- ◆ Areas identified as “in need of improvement” will be the basis for a customized plan of professional assistance and guidance

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## Who is QS2 designed to Serve?

- ◆ The first 3 “demonstration districts” will be Denali, Iditarod and St. Mary’s. After they are underway, other districts will be selected.
  - ◆ All Alaskan districts will ultimately benefit, as a QS2 publication and website will be produced which will share the QS2 template, tools and resources, so that other districts may learn how to replicate the QS2 model for themselves as the process evolves in the three demonstration districts.
  - ◆ QS2 is available only to districts ready to show long term commitment (3 years minimum) to contracting for the full service, including Strategic Planning
-

## What will it cost?

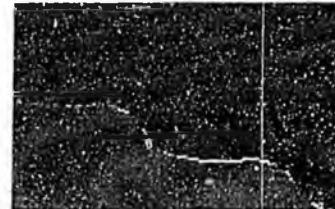
- ◆ The cost will vary depending upon the needs of the individual district. A fee schedule will be developed for different components of the program: Strategic Planning, AASB direct services, and contracted services by education specialists
  - ◆ AASB will be seeking grant support and districts will be assisted with finding additional resources to support the cost of the service, but districts must commit some district resources (human and financial) to demonstrate their commitment and "buy-in"
- 

## Who is developing QS2 Service?

- ◆ The Association of Alaska School Boards is the organization coordinating QS2
  - ◆ AASB is in a position to coordinate this kind of service thanks to good working relationships and credibility with school boards and superintendents, EED, major education associations and the University of Alaska
  - ◆ The core planning team for QS2 consists of:
    - *Carl Rose, Sharon Young, Joseph Reeves & Derek Peterson*  
AASB Professional Staff
    - *John Holst,*  
Sitka Superintendent and Alaska Superintendent of the Year
    - *Dr. Shirley Holloway,*  
former Commissioner of Education and now UAA faculty
    - *Jerry Covey,*  
former Commissioner of Education
    - *Dr. Bruce Johnson,*  
Deputy Commissioner of EED
  - ◆ A more broad based planning group of 50 individuals representing business, industry, government, K-12 education, University of Alaska system, community leaders, and parents has helped shape the vision and expectation for QS2.
- 

## When will QS2 start?

- ◆ Three "demonstration districts" were selected in April 2000. Initial meetings with the school boards and superintendents in selected districts will occur in May.
- ◆ Strategic Planning will begin in the fall of 2000 and the delivery of identified services will begin during the 2000-2001 school year.



Employers, educators and community members working together to prepare Alaska's youth for work and lifelong learning.

**AKBEC HOME PAGE**

**WHO ARE WE?**

**WHAT DO WE DO?**

**Dates to Remember**

**Seminar or Event**

**Why Should I Join the Compact?**

**Contact Us**

**Informative Links**

Alaska's youth need strong skills and commitment to life-long learning to successfully participate in today's workforce.

To prepare our youth, we need a coherent system that connects employers, educators, parents, community members and students. This system must be locally driven by parents and the private sector.

Members of the Alaska Business Education Compact unite to build and sustain this system to successfully prepare our youth for their futures.

Please join the Alaska Business Education Compact today, and work with us to prepare Alaska's youth for work and lifelong learning.



# WHAT DO WE DO?

## Offering training and assistance

### Building Connections

### Sharing Information

### Supporting School and Community

- Offer training and technical assistance for employers, educators and local partnerships to build their capacity to prepare youth for work and lifelong learning.

- Build connections among:
  - Students
  - Employers
  - K-12 education system
  - Post-secondary education system
  - Parents
  - Government agencies
  - Community organizations

- Share information on effective programs and best practices.
- Support school and community changes to better meet students' and employers' needs.

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# ALASKA CONTENT STANDARDS

## EMPLOYABILITY



**A student should be able to develop and be able to use employability skills in order to effectively make the transition from school to work and life-long learning.**

A student who meets the content standard should:

- 1) develop and maintain a work ethic necessary for success in the workplace that includes honesty, integrity, dependability, punctuality, self discipline, initiative, reliability, accuracy, productivity, respect and perseverance;
- 2) understand how to apply skills and academic knowledge in a variety of work settings;
- 3) understand the process for seeking employment including resume development, application completion, interview skills and appropriate dress for work settings;
- 4) understand the process for developing self-employment opportunities including marketing studies, business plan development, and managing business finances;
- 5) understand how an individual job fits into the overall organization and how the organization fits into the overall economy;
- 6) understand the need for safe practices in workplaces, and;
- 7) understand employer and employee rights and responsibilities.



**A student should be able to identify career interests and plan for career options.**

A student who meets the content standard should:

- 1) identify and appreciate personal interests, aptitudes, abilities, and priorities;

- 2) identify possible career options, considering both employment and self employment and understand how changes in the workplace affect career choice;
- 3) use labor market information to identify occupational and economic trends and opportunities, and evaluate possible career options;
- 4) identify education and/or training needed for career options and advancement, and develop a career plan, and;
- 5) identify resources available to support education and training related to career possibilities.

# A A A D

## ENGLISH/LANGUAGE ARTS

- A** A student should be able to speak and write well for a variety of purposes and audiences
- B** A student should be a competent and thoughtful reader, listener, and viewer of literature, technical materials, and a variety of other information
- C** A student should be able to identify and select from multiple strategies in order to complete projects independently and cooperatively
- D** A student should be able to think logically and reflectively in order to present and explain positions based on relevant and reliable information.
- E** A student should understand and respect the perspectives of others in order to communicate effectively.

## MATHEMATICS

- A student should understand mathematical facts, concepts, principles, and theories
- A student should understand and be able to select and use a variety of problem-solving strategies
- A student should understand and be able to form and use appropriate methods to define and explain mathematical relationships.
- A student should be able to use logic and reason to solve mathematical problems.
- A student should be able to apply mathematical concepts and processes to situations within and outside of school

## SCIENCE

- A** A student should understand scientific facts, concepts, principles, and theories.
- B** A student should possess and understand the skills of scientific inquiry.
- C** A student should understand the nature and history of science.
- D** A student should be able to apply scientific knowledge and skills to make reasoned decisions about the use of science and scientific innovations

## GEOGRAPHY

- A** A student should be able to make and use maps, globes, and graphs to gather, analyze, and report spatial (geographic) information
- B** A student should be able to utilize, analyze, and explain information about the human and physical features of places and regions
- C** A student should understand the dynamic and interactive natural forces that shape the earth's environments
- A student should understand and be able to interpret spatial (geographic) characteristics of human systems, including migration, movement, interactions of cultures, economic activities, settlement patterns, and political units in the state, nation, and world
- D** A student should understand and be able to evaluate how humans and physical environments interact.
- E** A student should be able to use geography to understand the world by interpreting the past, knowing the present, and preparing for the future

## GOVERNMENT & CITIZENSHIP

- A** A student should know and understand how societies define authority, rights, and responsibilities through a governmental process.
- B** A student should understand the constitutional foundations of the American political system and the democratic ideals of this nation
- C** A student should understand the character of government of the state
- D** A student should understand the role of the United States in international affairs
- E** A student should have the knowledge and skills necessary to participate effectively as an informed and responsible citizen.
- F** A student should understand the economies of the United States and the state and their relationships to the global economy.
- G** A student should understand the impact of economic choices and be able to participate effectively in the local, state, national and global economies.

## HISTORY

- A student should understand that history is a record of human experiences that links the past to the present and the future.
- A student should understand historical themes through factual knowledge of time, places, ideas, institutions, cultures, people, and events
- A student should develop the skills and processes of historical inquiry.
- A student should be able to integrate historical knowledge with historical skill to effectively participate as a citizen and as a lifelong learner

## SKILLS FOR A HEALTHY LIFE

- A** A student should be able to acquire a core knowledge related to well-being
- B** A student should be able to demonstrate responsibility for the student's well-being
- A student should understand how well-being is affected by relationships with others
- A student should be able to contribute to the well-being of families and communities

## ARTS

- A** A student should be able to create and perform in the arts.
- B** A student should be able to understand the historical and contemporary role of the arts in Alaska, the nation, and the world.
- C** A student should be able to critique the student's art and the art of others.
- D** A student should be able to recognize beauty and meaning through the arts in the student's life

## WORLD LANGUAGES

- A student should be able to communicate in two or more languages, one of which is English.
- A student should expand the student's knowledge of peoples and cultures through language study.
- A student should possess the language skills and cultural knowledge necessary to participate successfully in multilingual communities and the international marketplace

## TECHNOLOGY

- A** A student should be able to operate technology-based tools
- B** A student should be able to use technology to locate, select, and manage information.
- C** A student should be able to use technology to explore ideas, solve problems, and derive meaning.
- D** A student should be able to use technology to express ideas and exchange information.
- E** A student should be able to use technology responsibly and understand its impact on individuals and society

**These standards are general statements of what Alaskans want students to know and be able to do as a result of their public schooling. They were adopted by the State Board of Education.**



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