

SD-STARS

South Dakota Student Teacher Accountability Reporting System

**ASBSD & SASD Convention
Marcus Bevier and Sara Kock
Friday, August 10, 2012**



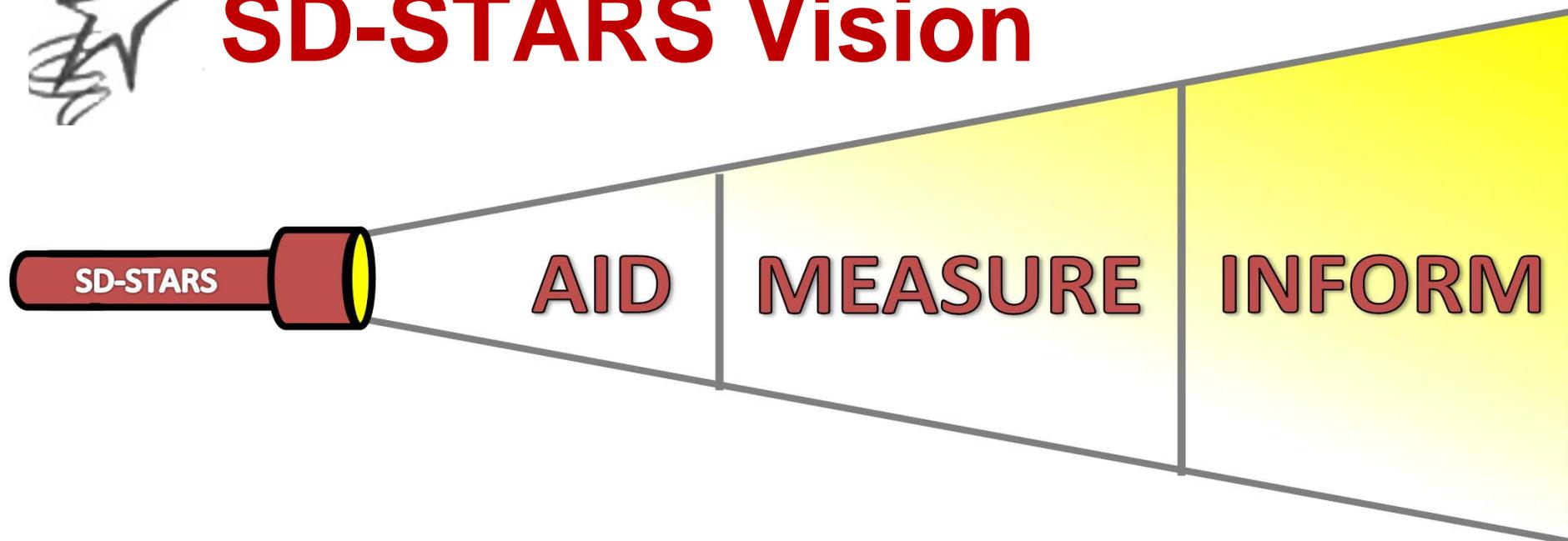
SD-STARS is a SLDS

- What is a Statewide Longitudinal Data System (SLDS)?
 - Collects and maintains student- and staff-level data
 - Links data across entities and over time
 - Makes data accessible through reporting and analysis tools
- What are the components?
 1. Data Warehouse – Central storage
 2. Portal – Application to access data
 3. Reports – Tools to look at and analyze key data
 4. Training – Opportunities to learn how to use it to inform decisions
- Why is this important?
 - SLDS can transform the way one teaches or manages





SD-STARS Vision

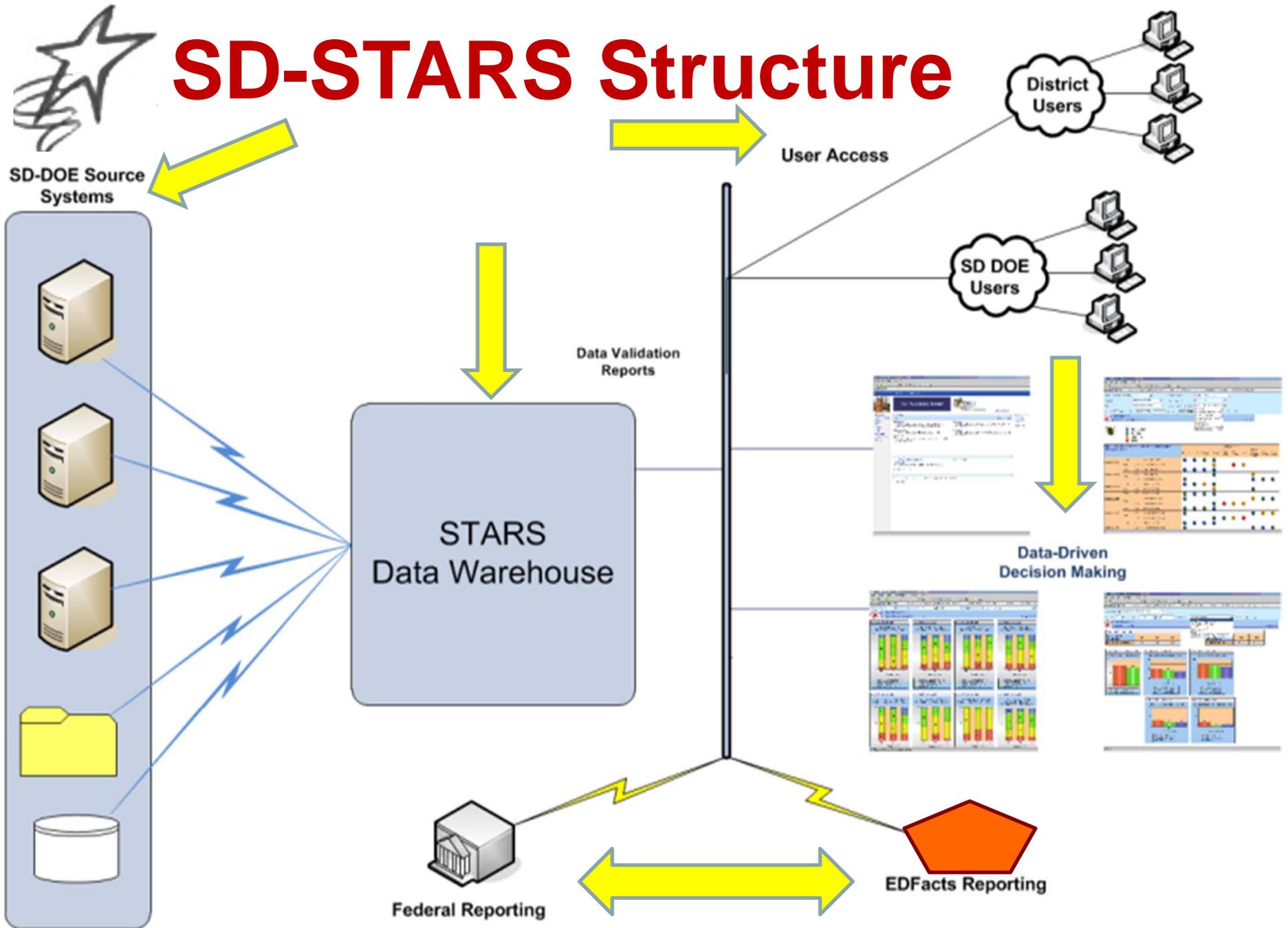


Educators will have the ability to access and use high quality data to **aid** in informing instruction and decision-making.

Students' outcomes will be **measured** so educators can identify at-risk students, examine achievement gaps, evaluate programs, recognize strengths, and address areas for improvement.

Stakeholders will develop a more holistic view of our education system and use that picture to **inform** systemic change.

SD-STARS Structure





SD-STARS Overview



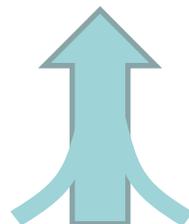
Enable data-driven decision making



Offers reports and dashboards to gauge performance



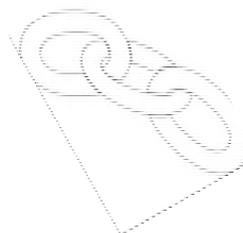
Provide administrators and teachers actionable information



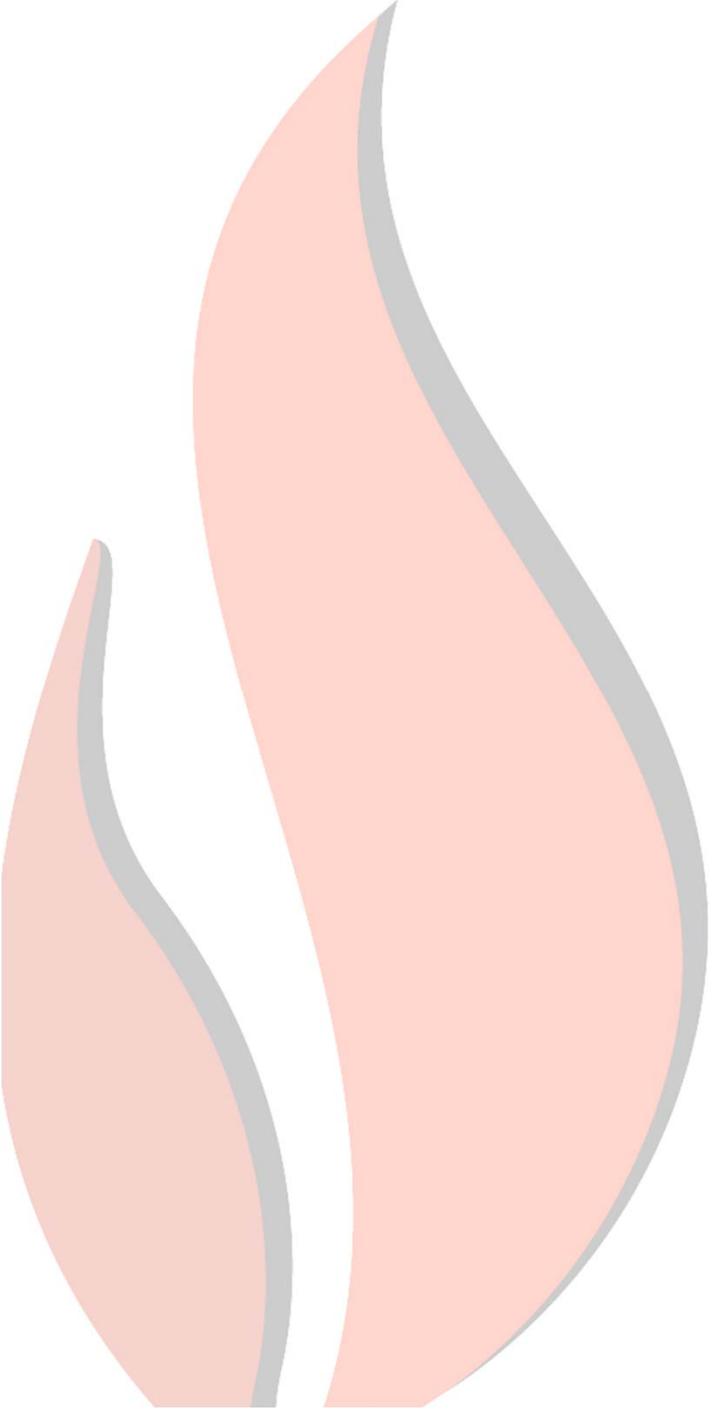
Consolidate data from across domains



Act as the “official source” for all state reporting



Connect to postsecondary data for P-20 Analysis

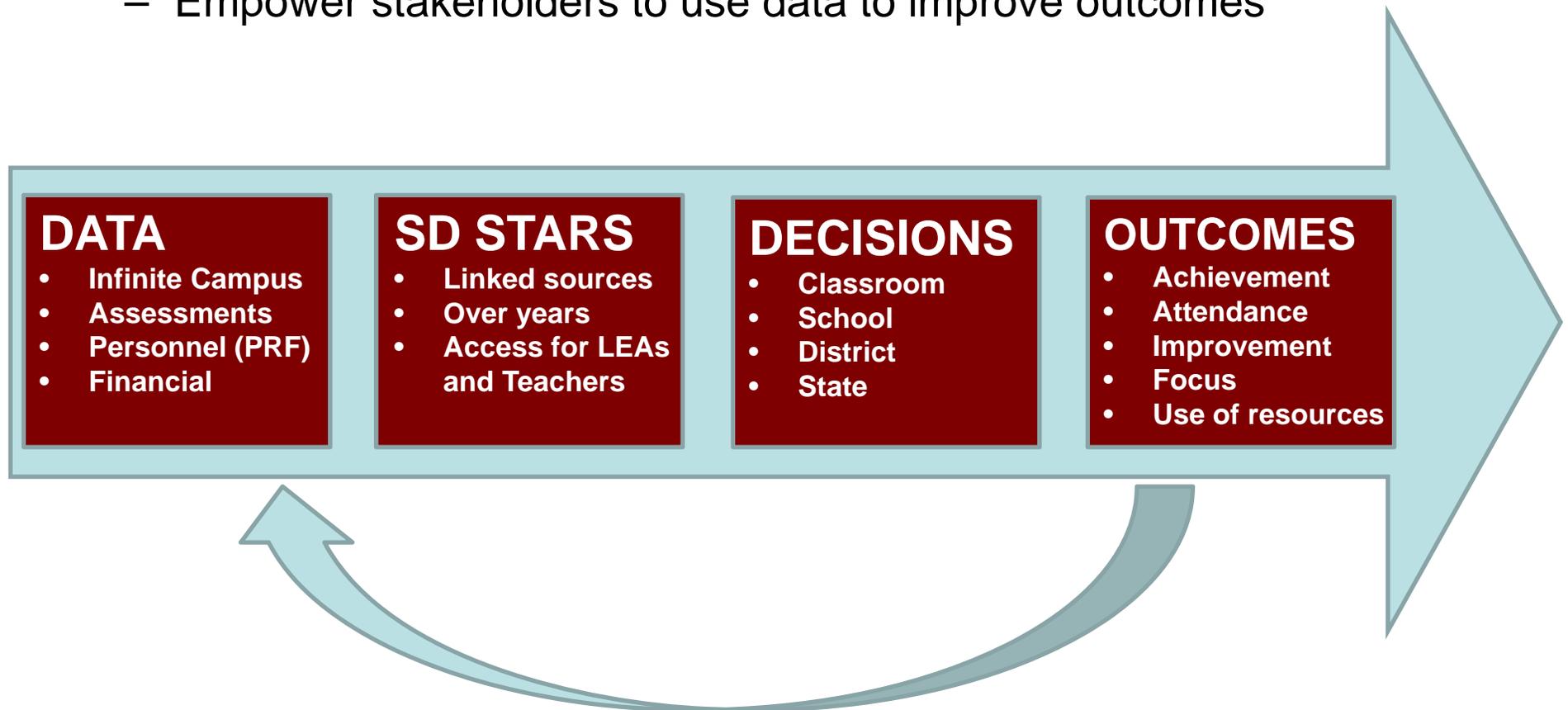
A large, stylized graphic of a flame in shades of orange and red, positioned on the left side of the slide. It consists of two main upward-pointing shapes with a grey outline, set against a white background.

Component 1: Data Warehouse and Data Driven Decision-Making



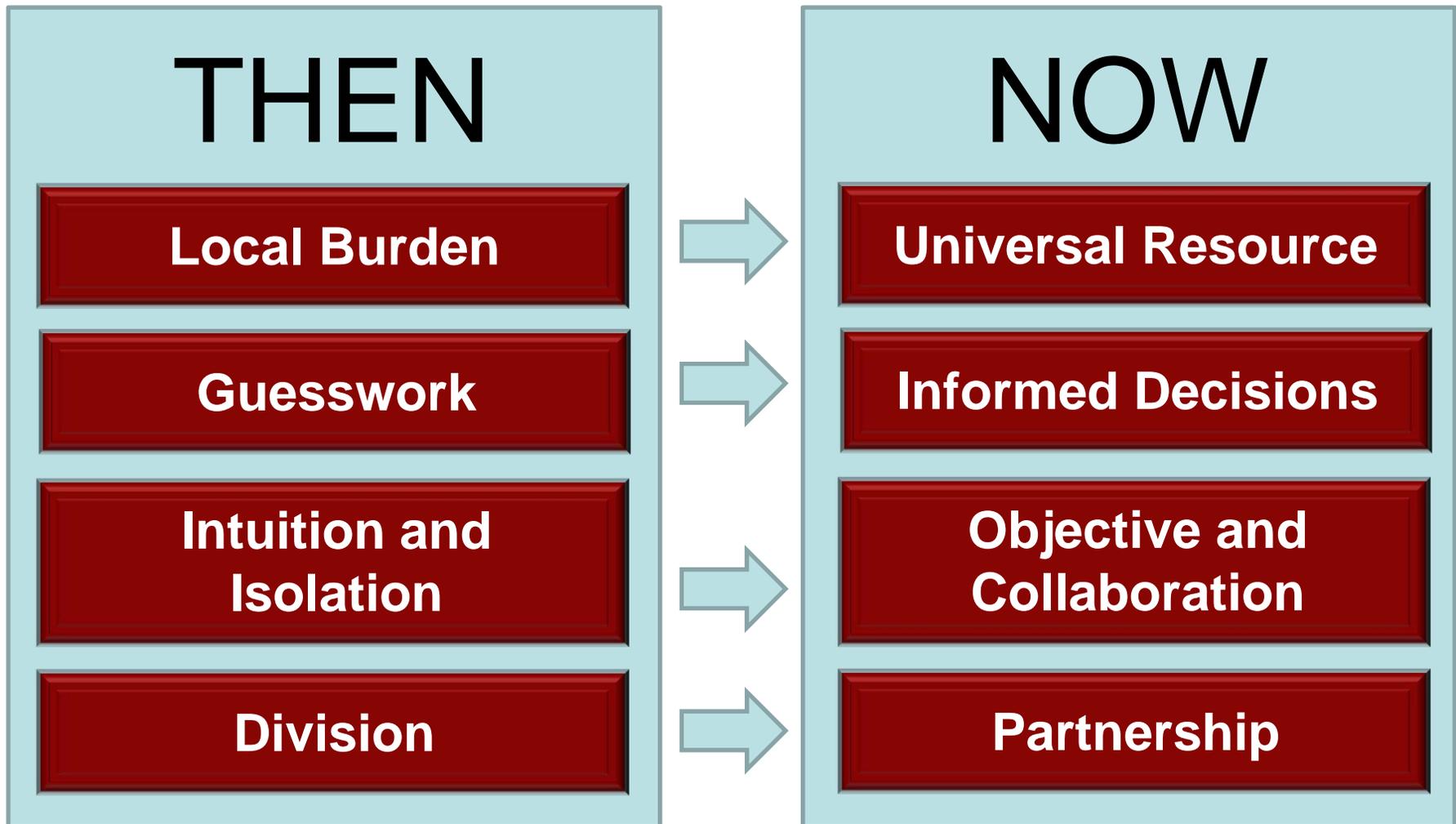
SD-STARS Data Warehouse

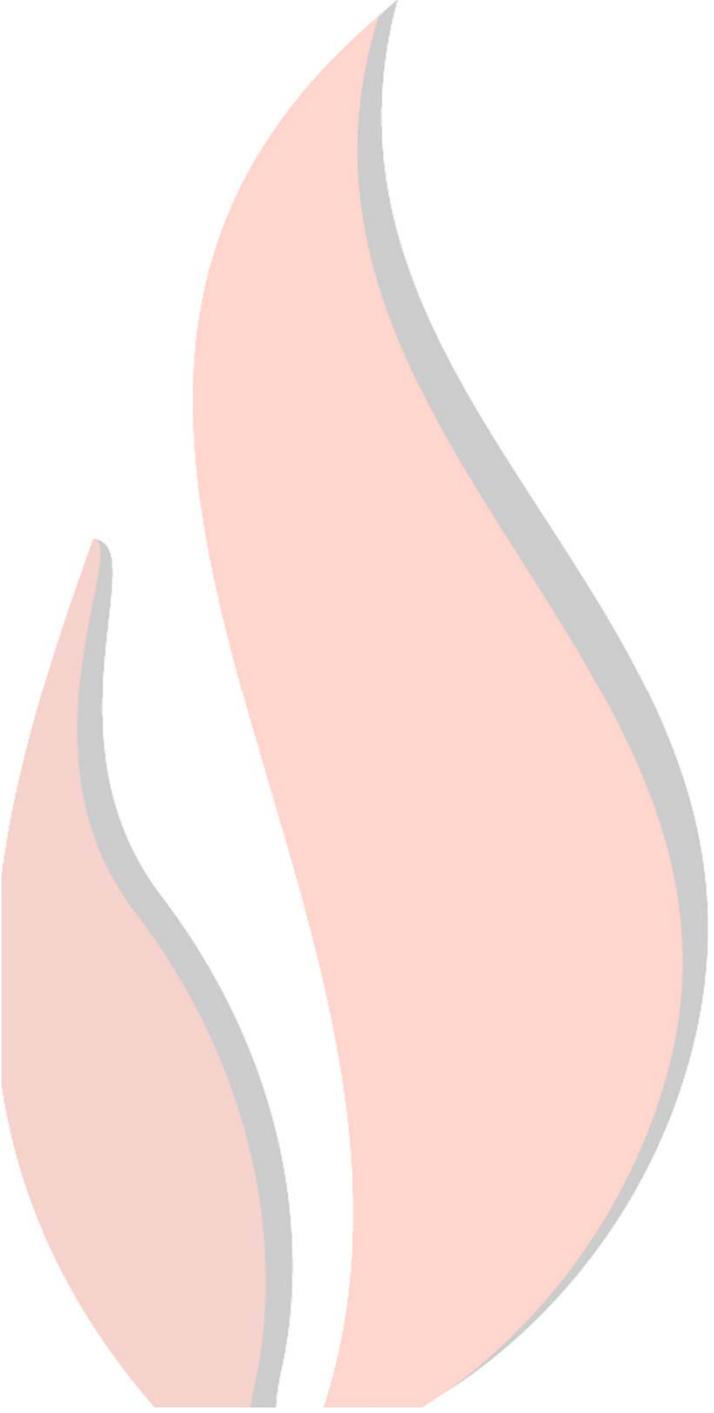
- SD-STARS is designed to meet users' needs
 - Empower stakeholders to use data to improve outcomes





Data Driven Decision-Making





Component 2: Portal and Securing Data Access



SD-STARS Portal

- Online secure website
- Provides access to data based on the organization and role assigned to the user ID



Providing data-driven decision-making support for South Dakota's education stakeholders



Login

*User ID:

*Password:

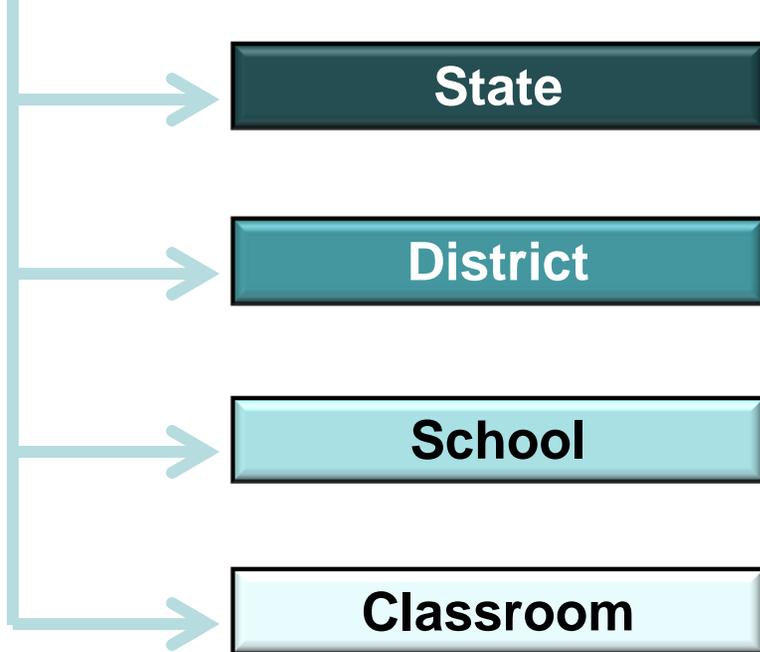
LOGIN

[First Time Login Help](#) | [Forgot Password?](#)

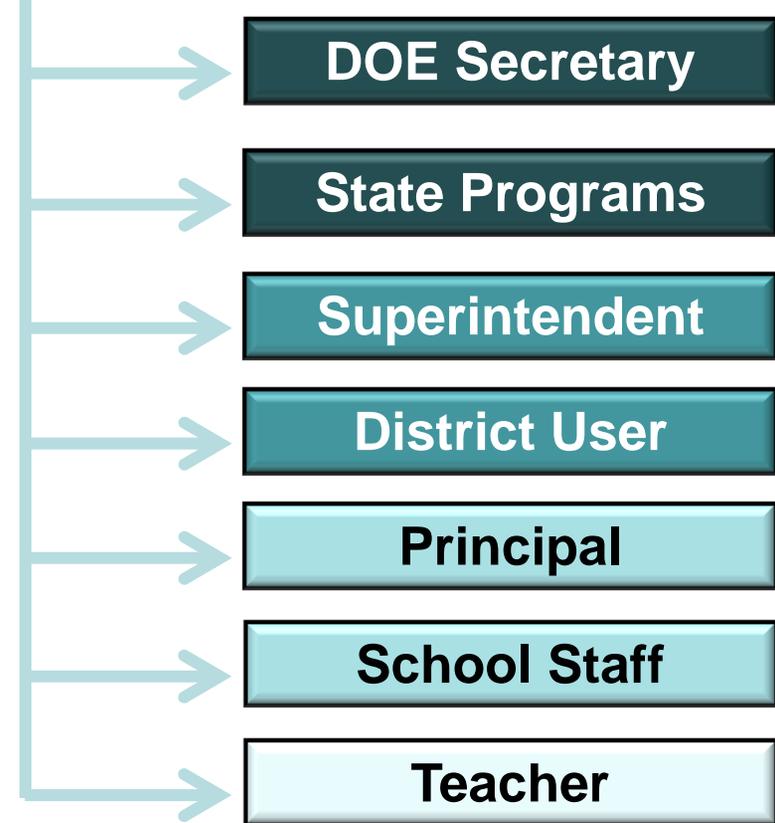


SD-STARS Security

Organization



Roles





Newly Added Resources

- [Sample Lesson Plan](#)
- [KJ new 1](#)
- [DARE program coming to Elementary schools.](#)
- [Test Content](#)
- [Sample Document](#)

Event Calendar

 << **July 2012** >>

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Today's events

Leadership Message



Welcome from the Secretary of Education

Welcome to the South Dakota – Student Teacher Accountability Reporting System The South

Dakota Department of Education is proud to launch this ground...

[Read More](#)

[Previous Messages](#)

Pulse Check

Do you like the new format of the Report Card?

- Yes
 No

[SUBMIT](#)



SD-STARS Portal – Library



Sara Kock Account Support Help Logout

- Home
- My Dashboard
- Content Library
- Reports
- Training Center
- Admin

Home » Content Library

Keyword:

- All
- Action Step
- Calendar Event
- Discussion
- Learning Objects
- News
- People



SD-STARS Portal – Training

Sara Kock Account Support Help Logout



- Home
- My Dashboard
- Content Library**
- Reports
- Training Center
- Admin



[Edit this page](#)

STARS Training Courses

General Training Materials

- ▶ Training Guidelines
- ▶ List of Courses and Course Modules
- ▶ Scope and Sequence of Courses
- ▶ Self-Assessment Surveys
- ▶ Sign-in Sheets
- ▶ Training Evaluation
- ▶ Sample Training Plan

Training for Data Coaches

- ▶ Data Coach Roles and Responsibilities
- ▶ STARS Training Courses
- ▶ Applying Tools in the Data Team Toolbox
- ▶ Questioning Techniques and Problem-solving Skills



SD-STAR Portal – Interactive



Sara Kock Account Support Help Logout

Search

- Home
- My Dashboard
- Content Library
- Reports
- Training Center
- Admin

Home » Dashboard

My Profile

Sara Kock

- Edit My User Account
- Edit My User Profile

My Recommendations

No recommended content available.

Manage My Attributes

My Action Steps

No active action steps.

Admin | View All

Data Driven Discussions

Marcus Bevier in response to: District School Users Sample
Who is this Greg Brown fellow?
6/21/2012 10:44 AM [More](#) [COMMENT](#)
on this topic

Tamara Darnall
He is our primary point of contact for support on the SD-STAR portal.
6/21/2012 10:46 AM

Marcus Bevier
The training cov.

My Calendar

July 2012

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
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29	30	31				

Today's events

No events on this day.



SD-STARS Portal – Interactive

- Provides the ability to have collaborative discussions around reports

District Dashboard

District: Marshall Public Schools

1 of 1 100%

Enrollment [More](#)

School Type	School Name	2012	2011
Elementary		4,171	4,030
Middle		1,448	1,357
High		1,559	1,153
Non-Traditional		150	116
Total		7,328	6,656

Attendance [More](#)

School Type	School Name	2012	2011
Elementary		98.0%	96.0%
Middle		96.4%	93.4%
High		92.9%	89.1%
Non-Traditional		99.0%	77.0%
Total		96.6%	93.7%

Absences Year-to-Date [More](#)

Data Driven Discussions

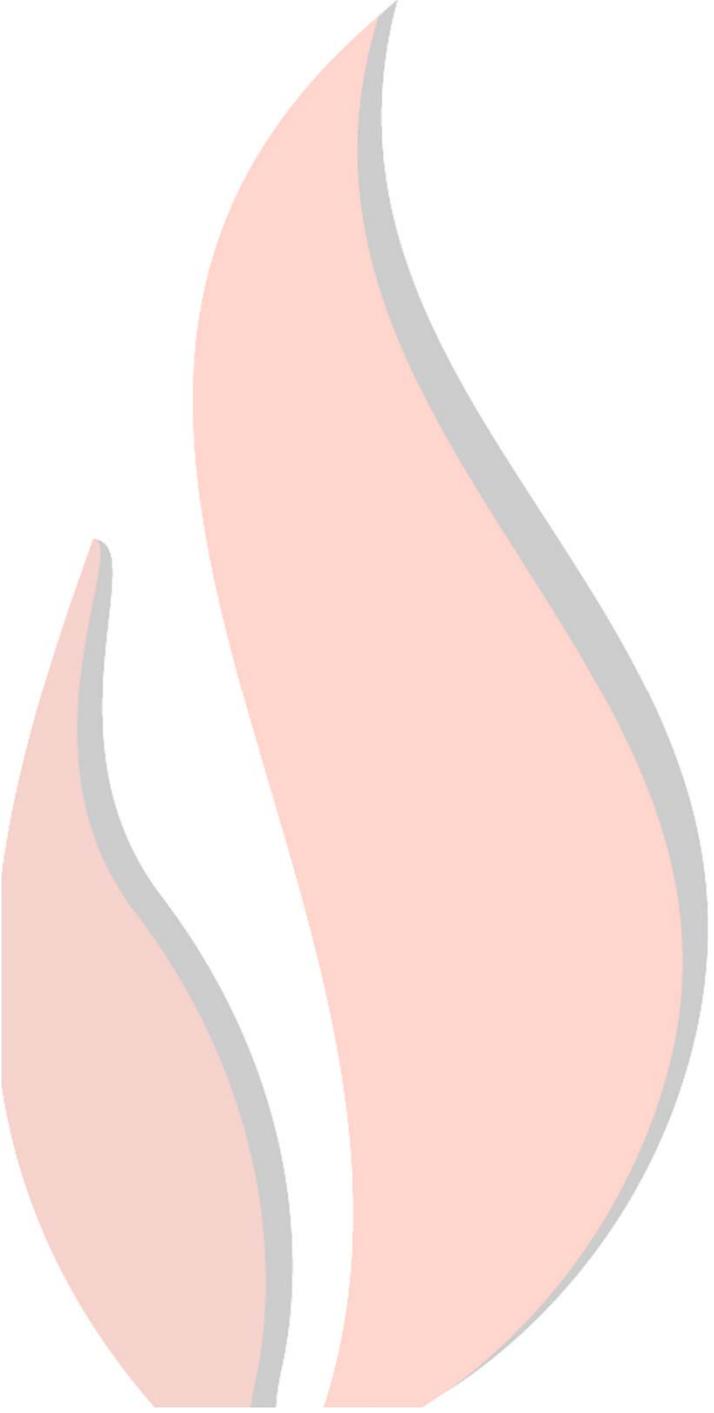
Enter your report comments here...

Indicate who you would like to share these comments with here...

My Peers My Administrators

[Add Person](#) [Clear List](#)

[SUBMIT](#) [CLOSE](#)



Component 3: Reports and Displaying Data for Understanding



SD-STARS Reports

Different Types

- General
- Stoplight
- Dashboards

Different Formats

- Viewable online
- Downloadable in PDF, Excel, Word

Capabilities

- Tables, graphs, and charts
- Drill down from aggregate to student

Secure and Confidential

- District technology policy applies
- User agreement
- FERPA compliant (organizational and role-based access)



Example Dashboard Report

Enrollment [More](#)

School Year	Total
2012	744
2011	750
2010	637
2009	511
2008	455
2007	374

Absences Year-to-Date [More](#)

Category	Count	Percentage
< 5 Abs	195	99.0%
5-10 Abs	2	1.0%

Attendance [More](#)

School Year	% Present
2012	98.0%
2011	96.1%
2010	96.1%
2009	95.0%
2008	96.5%
2007	96.5%

School Assessment Summary - CRCT (SPRING 2011)

ENGLISH/LANGUAGE ARTS Performance Percentages

Grade Level	Level 1	Level 2	Level 3
03	12	69	20
04	10	70	20
05	12	70	18

MATHEMATICS Performance Percentages

Grade Level	Level 1	Level 2	Level 3
03	26	55	19
04	13	52	35
05	18	42	40

READING Performance Percentages

Grade Level	Level 1	Level 2	Level 3
03	10	76	14
04	10	68	23
05	29	56	15

SCIENCE Performance Percentages

Grade Level	Level 1	Level 2	Level 3
03	30	56	13
04	20	61	19
05	29	38	33

SOCIAL STUDIES Performance Percentages

Grade Level	Level 1	Level 2	Level 3
03	44	55	1
04	33	63	4
05	52	40	8

Discipline Last 10 Days [More](#)

Top 10 Offenses Last 10 Days

Disrespect/Defiance	3
Disruptive Behavior	2
Bus Misconduct	2

Discipline Year-to-Date [More](#)

Top 10 Offenses Year-to-Date

Bus Misconduct	151
Disrespect/Defiance	66
Disruptive Behavior	26
Fighting	22

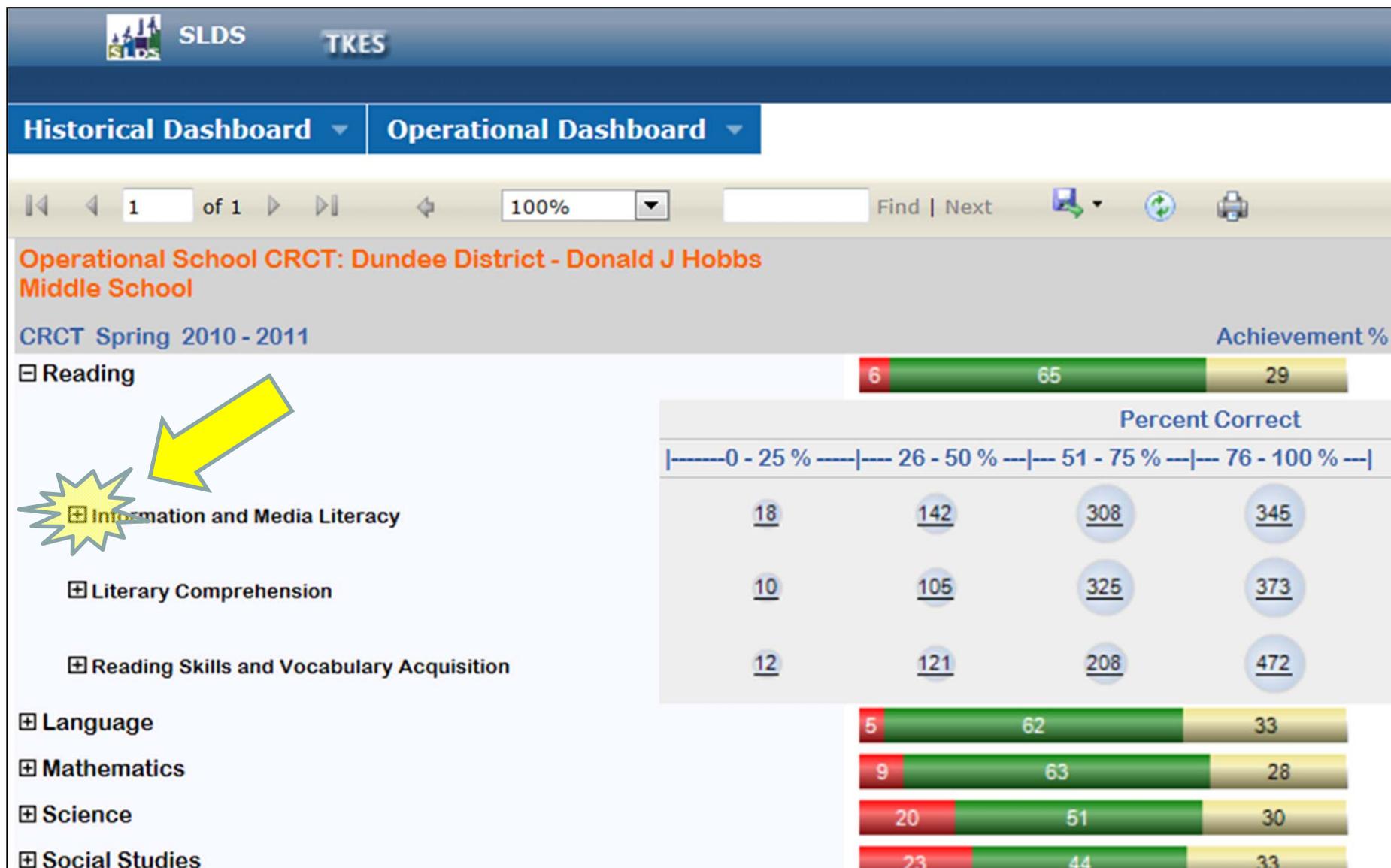


Example Report – Drill Down



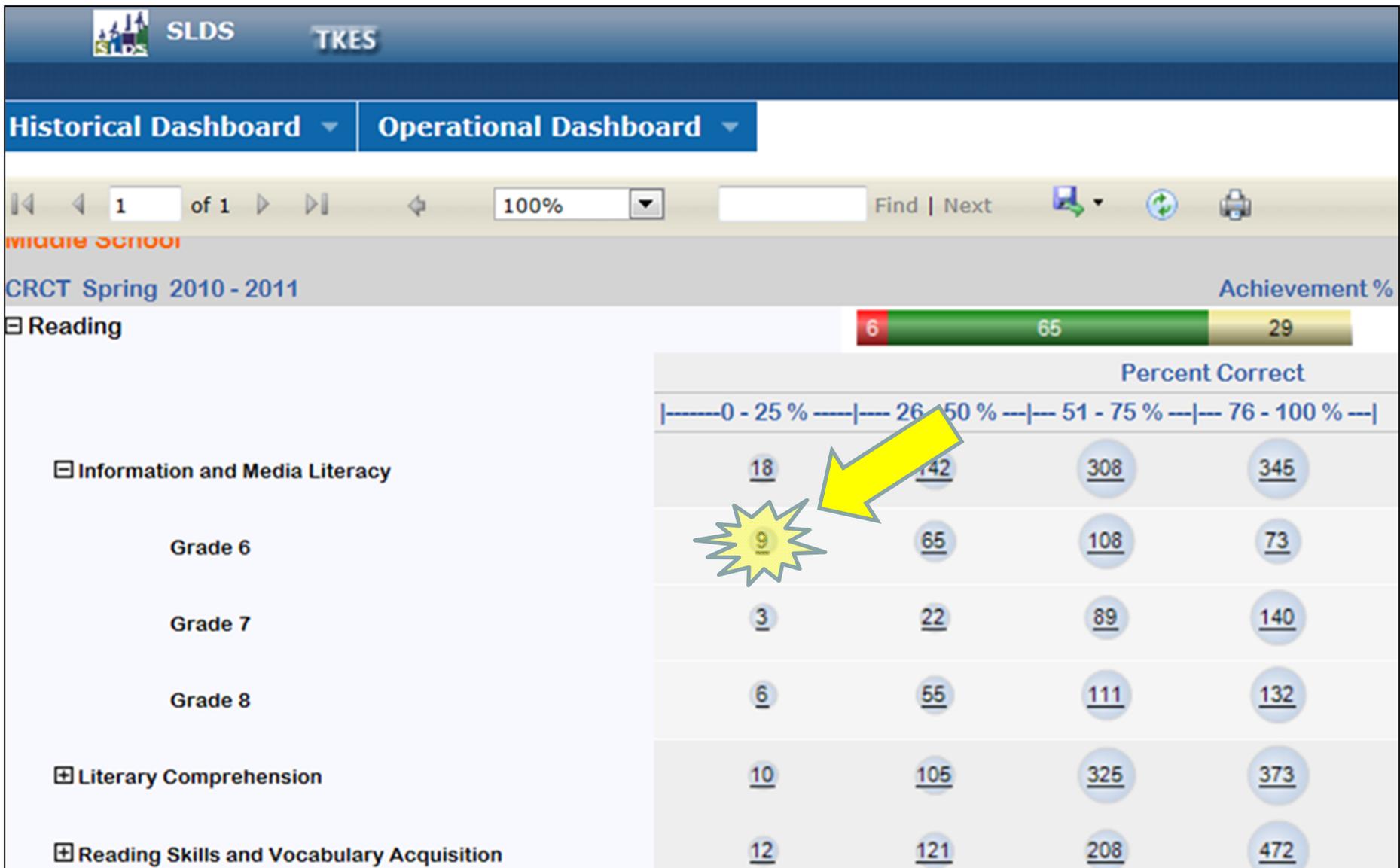


Example Report – Drill Down





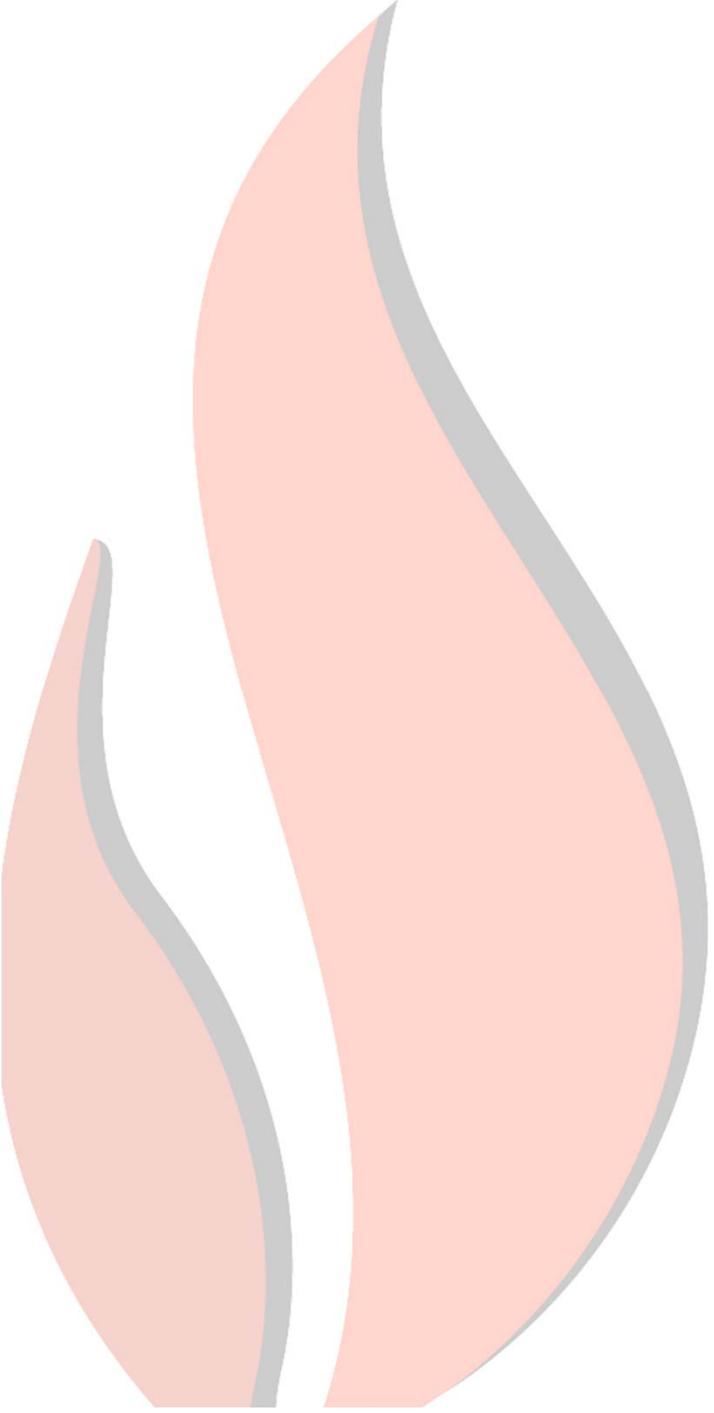
Example Report – Drill Down





Example Report – Drill Down

SLDS		TKES					
Historical Dashboard		Operational Dashboard					
1 of 1		100%	Find Next				
Criterion Referenced Competency Test - Spring 2011 - Reading - Information and Media Literacy(0 - 25%)							
Student	School Name	Grade	ELL	SWD	ED	Retained	Gifted
Bartley , Tanesha A	Donald J Hobbs Middle School	06					
Batiste , Lavelle P	Donald J Hobbs Middle School	06					
Clinton , Bernita S	Donald J Hobbs Middle School	06					
Duong , Margy N	Donald J Hobbs Middle School	06					
Liu , Shasta A	Donald J Hobbs Middle School	06					
Loy , Shanel L	Donald J Hobbs Middle School	06					
Maas , Bryanna T	Donald J Hobbs Middle School	06					
Spruill , Benny F	Donald J Hobbs Middle School	06					
Whitener , Odell J	Donald J Hobbs Middle School	06	Y				



Component 4: Training and Professional Learning Around Data Use



SD-STARS Training

- Train-the-trainer model
 - 2 Representatives from each district
 - Members from all ESAs
- Training plan
 - Materials – user guides, FAQs, online help, tutorials
 - Classes – hands on, real-life scenarios, using real data
 - Process – test, pilot, and rollout
 - Evaluation to adapt training based on feedback
- Continued development of Data STARS
- Dates
 - October 18-19 OR October 25-26, 2012 - Pilot Districts
 - March-June 2013 – Statewide Rollout





SD-STARS – The Future

1 year
(Aug 2013)

- DOE sources loaded and validated
- Portal access available to all districts
- Initial set of reports developed
- Data STARS trained

2 years
(Aug 2014)

- Data quality improves
- Users visit frequently and apply data to inform decisions
- Additional set of reports developed based on user requests
- Users have access to differentiated training

Beyond

- Connection with other agencies' data (ex: post-sec, labor)
- System evolves to increase ease and engagement
- Data-driven decision making by all levels of stakeholders
- Data governance initiative drives systemic improvement

SD-STARS Team Members



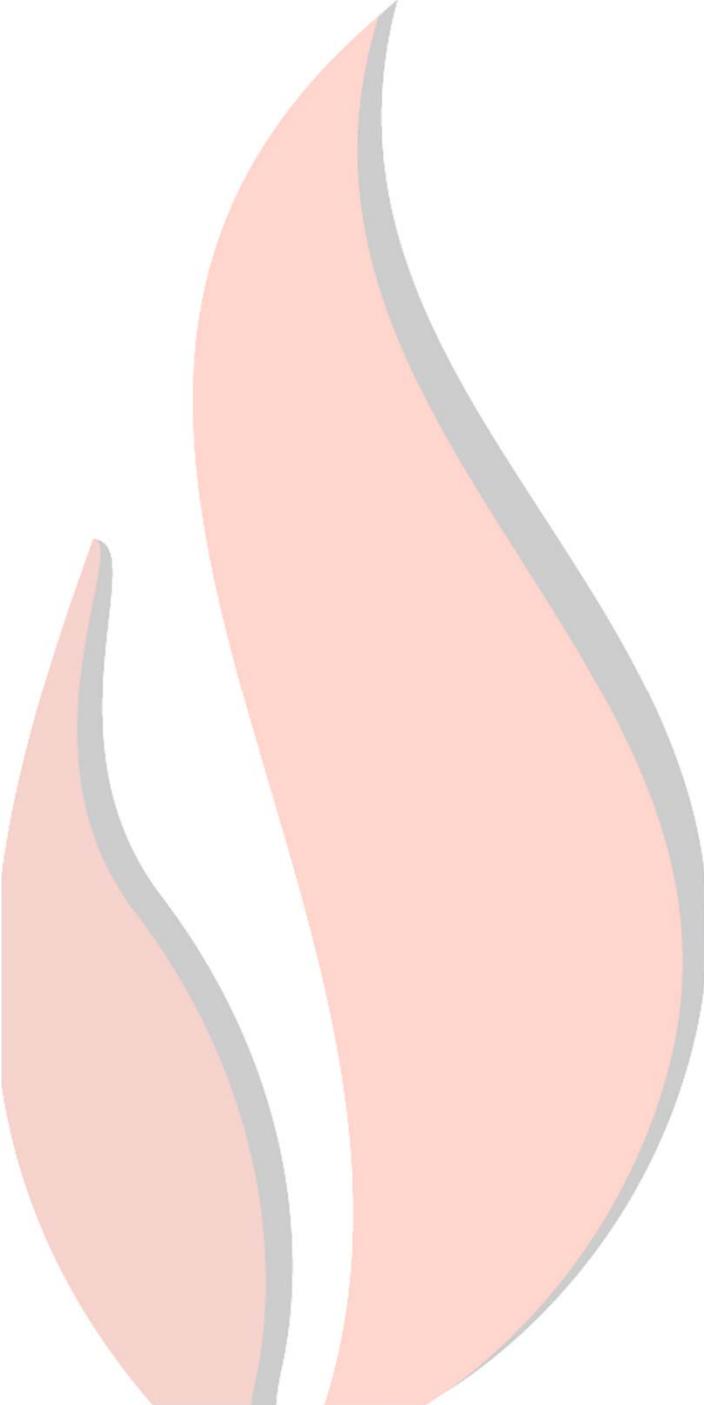
ESP
Solutions
Group



tisEd
Data Management Solutions



south dakota
DEPARTMENT OF EDUCATION
Learning. Leadership. Service.



Contact Information

SD-STARS Website:

<http://doe.sd.gov/ofm/lds.aspx>

STARS Connection (Bi-Monthly Newsletter):

<http://doe.sd.gov/publications.aspx>

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