

Technology Committee Meeting
Wednesday, September 9, 2015 10:00 AM
Educational Service Unit No. 10 76 Plaza Blvd
Kearney, NE 68845
6949 South 110th Street
LaVista, NE 68128

1. Call to Order
2. Roll call
3. Agenda Item
Chair of Committee
 - 3.1. Tech Plan
 - 3.1.1. Progress Update
Committee Chair - Deturk
 - 3.1.2. Single Sign On Update
Committee Chair - Deturk
 - 3.1.3. LMS Update
Committee Chair - Deturk
 - 3.1.4. NET MOU
Committee Chair - Deturk
 - 3.2. Network Nebraska Update
Committee Chair - Deturk
 - 3.2.1. NITC Vision
Committee Chair - Deturk
 - 3.3. Approve IMat Vision, Commitments and Action Plan
Technology Chair
 - 3.4. Staff Reports
Chair of Committee
 - 3.4.1. Scott Isaacson
Scott Isaacson
 - 3.4.2. Beth Kabes
Beth Kabes
 - 3.4.3. Rhonda Eis
Rhonda Eis
4. Next Meeting Agenda Items
5. Executive Session
6. Adjournment

MEMORANDUM OF UNDERSTANDING

This Agreement made and entered into by and between Nebraska Educational Telecommunications (NET), Educational Service Unit Coordinating Council (ESUCC), and Nebraska Department of Education (NDE) is established with the following provisions toward the common objective of delivering an e-learning digital object repository in accordance with the Nebraska Virtual Partnership.

Whereas, the parties agree that the delivery of educational resources must be accessible to users statewide;

And whereas, the parties agree to work cooperatively to integrate an e-learning digital object repository into an education portal;

Now therefore, the parties agree that the NET Virtual Learning Library shall be the e-learning digital object repository for the State of Nebraska e-learning project with cooperative roles and responsibilities as delineated below.

NET

- Work with the Public Broadcasting System (PBS) to deliver a customized version of the PBS Learning Media platform in the form of the NET Virtual Learning Library
- Establish a working committee comprised of technical representatives from ESUCC and NDE to advise on the integration of the NET Virtual Learning Library and an education portal as a source for one point of entry
- Work with PBS and ESUCC to integrate via ingest, link or other solution existing content currently licensed to ESUCC
- Work with PBS and ESUCC to integrate via ingest, link or other solution access to other subscription based content
- Create content for ingest into the NET Virtual Learning Library

NDE

- Work with ESUCC to develop a standardized Meta Tagging structure for the creation and ingest of new content
- Develop a review process to insure all newly created content meets specific standards for quality and content
- Provide training and content for distribution
- Promote the use of the NET Virtual Learning Library

ESUCC

- Work to provide access to content systems currently owned and licensed to individual Educational Service Units
- Provide content for distribution
- Promote the use of the NET Virtual Learning Library

This MOA is executed by the duly authorized officers of the parties indicted below:

Mark Leonard
Nebraska Educational Telecommunications

DATE: _____

Dr. Matt Blomstedt
Nebraska Department of Education

DATE: _____

David Ludwig
Educational Service Unit Coordinating Council

DATE: _____

Education Council Members:

In our February meeting, the Council created a Visioning Task Force to provide a future vision for the Network Nebraska Initiatives. In May, we presented a bulleted list of guiding principles as follows:

- Transformation of the learning environment
- Professional development to maximize the use of technology
- Available, accessible, reliable and secure infrastructure
- Promote information and technology literacy
- Collaboration and communication among all levels of education, government and community
- Commitment to workforce development

These guiding principles remain open for comment at the August meeting.

Additionally, the NITC is continuing the Network Nebraska and Digital Education Initiatives. For each initiative, the commission is requesting strengths and assets, and challenges and barriers be included in each report. For each action item in the initiatives, we have now been tasked with identifying metrics for measurement,

Upon review, the visioning committee has concluded that the majority of **Network Nebraska** initiative action items were operational functions under the guidance of OCIO and NNAG. Conversely, the **Digital Education** initiative action items were primarily local initiatives primarily handled by other entities.

Given the new requirements for measurement, we are considering elimination of all existing action items and replacing them with action items more under the guidance of the Education Council. The rough draft action items follow and will be a significant component of discussion at the August 19 meeting.

Network Nebraska Initiative

- Education Council will work in collaboration with the Community Council Broadband Initiative to find solutions for available, accessible, reliable, secure and affordable Internet access as related to academic success.
- Challenge the NNAG Participant Criteria subcommittee to develop a strategy for community affiliate connections into Network Nebraska

Digital Education Initiative

- Create Professional development opportunities for all Nebraska educators related to blended and online learning
- Through a collaborative research project, create a guide for best practices in the use of blended and online learning technologies with the intent of narrowing the gap between K-12 and higher education.

With sincerity,

The Education Council Visioning Task Force

IMat Vision, Commitments and Action Plan

Vision: To lead in the curation of high quality learning objects that will enhance education for all learners in Nebraska schools.

Definition: Content curation is the process of collecting, organizing and displaying information relevant to a particular topic or area of interest.

Commitments

1. To provide leadership in the selection, evaluation, and use of both subscription and open (free) resources that will enhance teaching and learning in blended and traditional environments
2. To curate educational resources aligned to Nebraska academic standards
3. To provide statewide equitable access to a variety of current and up to date educational resources for all learners

Action Plan

1. Identify and/or provide a subscription service or catalog thereof of baseline digital resources
2. Communicate, provide professional development and model effective use with educators the resources available
3. Research, evaluate, and recommend learning resources that may then be forwarded to the Nebraska cooperative purchasing bid process.
4. Provide coaching in the selection and evaluation of both subscription and open resources
5. Encourage creation of resources
6. Support state-endorsed LOR with federated search capabilities across multiple resource libraries
7. Add resources to a state-endorsed LOR (LMS, World Book, Hippocampus (NROC), EdReady, etc.)
8. Commit time, personnel, and/or funds to review and align identified resources to the Nebraska State Standards
9. Compile usage data of resources for reference and guidance to be used to inform future acquisitions.

Technology Committee Update

Scott Isaacson

September 9, 2015

Statewide Technology Plan

Nebraska Cloud Learning Environment

The statewide planning group met in May, June and July to continue building and updating the technology plan. The contracted assistance of Unicon allowed the staging single sign-on environment to be installed in June and it currently connects 7 districts to the ADVISER data dashboard application. The uPortal system is ready in development and will be installed in the staging environment this month (September). The development version is available for viewing at dev-portal.nebraskacloud.org.

IlliniCloud

We continue weekly technical and strategy discussions with IlliniCloud representatives and these have begun to include technology leaders from a New York regional information center and the Clark County, Nevada school district. Our group is discussing pursuing grant funding to jump-start a model of open and sustainable software for K-12 educational needs.

LOR

The BlendEd LOR sub-committee has met every other week during the summer to discuss LOR solutions and evaluation criteria. I have been working on the interim streaming solution for Nebraska titles and expect it to be ready for use this month (September). As mentioned previously, this will utilize the Learn360 index system to allow users to find and stream the state titles.

LMS

Conversion work continues for districts onto the Canvas and Schoology systems. Canvas, Schoology, Blackboard Learn and Moodle (hosted by Blackboard) are all available through the COOP purchasing program. Many districts are exporting their courses from the ANGEL system for import into the others. Some technical problems with the exports have occurred and are being handled with the help of ANGEL support. Districts representing just over 19,000 users have elected to continue using the ANGEL system this year. ANGEL support ends in 2016, and the ESUCC will be discontinuing ANGEL service as of August 31, 2016.

ADVISER Ed-Fi Dashboard

Six PowerSchool districts are connected to the staging environment, allowing data stewards and other key users to begin publishing and validating live data. NDE will be providing funds to purchase server and related hardware for the production environment and that should be installed during October at the Nebraska Hall data center. The PowerSchool pilot districts plan to roll the system out to some of their users in 2nd semester 2015-16. 30 additional early

adopter districts are on track to begin data staging activities in late 2015 with a planned summer, 2016 beginning rollout to their users.

SRS

With Mike Danahy on board, we continue to evaluate and improve backup and disaster recovery plans for the SRS systems and will be upgrading the hardware supporting this application during the fall.



Committee Report

PROJECT NAME: BlendEd and Distance Ed

PROJECT DIRECTOR: Beth Kabes

REPORT PERIOD: September 9, 2015

COMMITTEE REPORT:

BlendEd continues to meet every Friday morning at 9 a.m. over zoom. Discussion items include since August:

NCSA/TAG BlendEd Proposal

NCSA/Fall NETA Presentations

Using ADVISER and uPortal in BlendEd classrooms

DEAC met August 25, 2015. Discussion items include:

Erate discussion from NDE

Network NE RFP

Presentations/Vendor Booth at NATM (Math Teachers), NATS (Science Teachers), NAMLE (Middle School Teachers), Hastings Museum Tri-City Ed Fair

NROC, EdReady

ESUCC Report

Statewide Zoom contract

NVIS - Field Trips and scope of work for upgrade

Virtual Field Trips - Content Provider Workshop in conjunction with NDLA-October 28, 2015

Next meeting October 27, 2015 (prior to VFT Workshop)

NEW BUSINESS:

Distance Learning

NDLA Conference February 25-26 in Omaha, "BlendEd Pathways to Learning"

Securing a keynote speaker for day 1

Based on cost of Day 1 keynote, have Marcia Kish on hold for Day 2 Keynote

John Stritt agreed to serve as Recorder until his retirement. Discussed that by January it will be determine if merging committees.

Fall Ed Tech

Presenting on BlendEd: Dawn Ferreyra, Scott Jones, Otis Pierce, Craig Hicks, Linda Dickeson, North Platte Teachers and myself

NATM (Math Teachers)

Presenting on EdReady and HippoCampus: Marci Ostmeyer, Molly Aschoff and myself

Booth for EdReady, VFT

NSLA (School Librarians)

Presenting on BlendEd, VFT: Molly Aschoff, Otis Pierce and myself

EdReady

NDE and EdReady support. Met with NDE staff discussing potential for EdReady. Meeting on September 11 with Dr. Cory Epler and Kristina Peters and NDE Marketing Staff to develop a marketing plan.

Scheduled EdReady Site Admin Training during ESUPDO EdCamp sessions.

Working with Deb Romance from NDE and the Math Cadre to add EdReady Assessments for Grade 6 NeSA Prep, Grade 7 NeSA Prep and Grade 8 NeSA Prep.

Meeting with ESU11 Math teachers on November 13 to review EdReady.

Sharing EdReady with Nebraska Migrant liaison and educators on September 24

NAMTC

Encourage membership of NAMTC (National Association of Media and Technology Centers). I currently serve as the President. The Leadership Summit is scheduled for December 1-2 in New Orleans as a Pre-Conference to AESA.

NAMTC Shared Conversation on September 15, 2015 as part of ESUPDO EdCamp session. Highlighting BlendEd "Engaged Learning Classrooms: Impacting Student Learning". Jason Everett is on the panel.

BlendEd

Meeting and presenting to BlendEd teachers at ESU11 on September 23.

Meeting with NNNC BlendEd team on September 24 via zoom

OLD BUSINESS:

EdReady

Shared EdReady with ESU 15 Math teachers on September 1 through zoom.

Presented EdReady to Grand Island Northwest Math teachers along with Dianah Steinbrink from ESU10 on September 2.

Also met with Sharon Katt about promoting Higher Ed to consider use through their own instance. Have a follow-up meeting with Dr. Sherry Crow from UNK.



Committee Report

PROJECT NAME: IMat

PROJECT DIRECTOR: Rhonda Eis

REPORT PERIOD: September 8, 2015

COMMITTEE REPORT:

The IMat affiliate met during the summer on July 20, 2015. They approved the Vision, Commitment, and Action statement and submitted it for final approval by the ESUCC Technology Committee in September. They also discussed the preview and purchase process for instructional materials and made changes in the fall preview schedule to look at other digital resources. Also, discussed were ideas for merging affiliates for a BlendEd larger group. Ideas included having the affiliate groups meet three times a year at PDO and then meet as sub-groups throughout the year to focus on topic areas, although no specific recommendations were made at that time as the group wanted more direction from ESUCC.

The IMat met again for two days on September 3rd and 4th. On the first day, rather than setting up video previews as has been done in the past, the group reorganized and had a “Digital Resources Discovery” day. On the second day, IMat had a business meeting to discuss projects and updates.

Day One - September 3:

- The group reviewed Rule 10 and discussed how IMat can help schools comply. A sub-committee will put together documentation for ESUs to share with schools outlining resources that are currently available statewide.
- The group also reviewed state standards and broke into groups to evaluate how current resources align to the Nebraska standards.
- Guest speakers, Allana Novotny and Susan Knisely from the Nebraska Library Commission, presented an overview of NebraskAccess. IMat members were appreciative to learn more about this free resource that they can share with their schools.
- The group looked at eight different digital products and completed a survey after each presentation. Products included: PowerKnowledge Science (Rosen), NET/PBS Learning Media, Noodletools, Atomic Learning, TeachingBooks, Brain Pop (& Jr), Culturegrams, and ASCD Professional Development Library. The ongoing plan is to have three more additional Zoom Meetings to share more resources.

- Steve Kindel with Learn360 presented a webinar showcasing their new interface to be released in December. New additions to the Learn360 collections were also highlighted. http://www.learn360.com/images/L360_SneakPeek_FINAL_Lo.pdf

IMat Meeting - Day Two – September 4:

- Scott Isaacson demonstrated the new portal system and shared updates.
- Craig Peterson shared new Coop contracts, the AEPA Digital Resources Bid and also gave a demonstration on the ESUCC Marketplace.
- Beth Kabes gave an update on BlendEd, LOR Sub-Committee and the Instructional Delivery Plan.
- Updates on IMat projects were also shared. Video resources purchased last spring have been received. Work is in progress to set up a server to host content with access through the Learn360 interface and is projected to available this fall.
- **Safari Montage Update:** The state contract with Safari Montage expired on August 31, 2015, and the ESUCC Safari Montage server will be de-commissioned. Part of that process has been to keep shared content from ESUCC (EdCast) with the ESUs usable by the ESUs once that connection was turned off. This involved having the Edcast content changed from having ESUCC as a publisher to the local ESU as publisher. This opens up Admin functions for the state content so that any ESUs continuing to use Safari Montage for another year, either with a new local contract or using it as is, will continue to have access to these resources through Safari Montage. This was done for ESUs: 3, 4, 9, 10, 11, 13, 15, 18, 19. ESUs not listed indicated that their servers would no longer be used. ESUs 10, 13, 19 indicated that would be renewing Safari Montage license.
- **Preview/New Acquisition:** IMat will continue to look at other resources and have additional preview Zoom sessions through the year. More discussion on types of resources to offer statewide and/or have new products available for schools to purchase through Coop purchasing. Schedule for upcoming Zoom Meetings:
 - Oct. 21 - 9:00-11:00 eBooks
 - Nov. 3 - 9:00-11:00 OER
 - Dec. 1 - 9:00-11:00 Standards Based Resources
- **Professional Development:** IMat has 2 breakout sessions at September 15th PDO.
 - Resources for Every Student, Every Day – Why? (1:00-1:30PM)
 - Resources for Every Student, Every Day – What? (2:50-3:20PM)
- **Future IMAT meeting dates:**
 - November 13 – ESU 9 & DL - 9:00-12:00 PM
 - January 28 – DL
 - March 17 – ESU 8 – All day