Welcome

MontCAS

Montana Comprehensive Assessment System

META Conference

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MontCAS Montana Comprehensive Assessment System

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Topics*

- Technology Coordinator Tasks and Assistance
- Site Readiness
  - Network Requirements
  - Hardware and Software Requirements
  - Network Diagnostics and Configuration
  - *Secure Browser Installation
- *ART: Administration Registration Tool
  - Hierarchy
  - Login and Passwords
  - Assigning roles
  - Uploads
- *Technology and Embedded Student Supports
- *Online Reporting

Technology Coordinators Tasks and Know How

- Network requirements
- Devices*
- Secure Browsers*
- ART and Passwords*
- Embedded supports*
- Online reporting*

Network Connection

- A stable, high-speed (wired or wireless) network and an adequate Internet connection are required for the test.
- The average response time for each assessment depends on the reliability and speed of your school's Internet connection.

Network Configuration

- Content filters, firewalls, and proxy servers should be configured to allow traffic on the protocols and to the Smarter Balanced servers.
- Session timeouts on proxy servers (rare, and probably only in larger systems) and other devices should be set to values greater than the average scheduled testing time. For example, if test sessions are scheduled for 60 minutes, consider session timeouts of 65–70 minutes.
- Web proxy servers must be configured to NOT cache data received from Smarter Balanced servers.
- For any device that performs traffic shaping, packet prioritization or quality of service, the IP addresses to be used for testing should be given a high priority to ensure the best performance.

Network Performance Factors

- Bandwidth
- Total number of students simultaneously testing
  - Staggered log on
- Wireless networking configuration

Bandwidth

- At least 20Kbps bandwidth per student being tested
- Affected by both Local Area Network (LAN) traffic and internet traffic from the router
- LAN should always be analyzed to determine potential traffic bottlenecks
- Use vendor-provided diagnostic tool if offered
- Online diagnostic tool available at www.educationsuperhighway.org

Network Diagnostics Tool--Traffic

- Network performance may slow when large numbers of students are testing at once.
- Multiply the number of students being tested by 20Kbps to get an estimate of needed bandwidth, and compare with the network speed test.
- Perform network analyses at different times to ensure adequate capacity.

Network Performance

Wireless Security

- Wireless traffic must use encryption.
  - Wi-Fi Protected Access II (WPA2)
  - Advanced Encryption Standard (AES)

Access Points:

- Wireless access points have limits on total bandwidth and number of simultaneous devices.
- Access the practice and training tests through the Secure Browser to ensure adequate capacity.

*System Requirements—Computers

Computers		
Operating System	**Minimum Requirement for Current Computers**	**Recommended Minimum for New Purchases**
Windows XP (service Pack 3), Vista, 7, 8.0, 8.1 Server 2003 and 2008	Pentium 233 MHz processor 128 MB RAM 52 MB hard drive free space Minimum screen resolution 1024x768	1 GHz processor 1 GB RAM 80 GB hard drive
Mac OS X 10.4.4–10.10	Intel x86 or PowerPC G4 or G5 processor 512 MB RAM 200 MB hard drive free space Minimum screen resolution 1024x768	
Linux Fedora Core 6 (K12LTSP 4.2+) Ubuntu 9-12	Pentium II or AMD K6-III 233 MHz processor 64 MB RAM 52 MB hard drive Minimum screen resolution 1024x768	

*Supported Mobile Devices

Operating System	Supported Tablets	Browsers for TA Sites	Browsers for Student Sites
Android 4.0.4 to 4.4	Google Nexus 10 Motorola Xoom Motorola Xyboard Samsung Galaxy Note (10.1) Samsung Galaxy Tab 2 (10.1)	Native browser GoogleChrome	AIRSecureTest App
Chrome v40.2214.115 or later	Chromebook	GoogleChrome	AIRSecureTest App
iOS 6.0 to 8.1.3	iPad 2 and above	Safari	AIRSecureTest App

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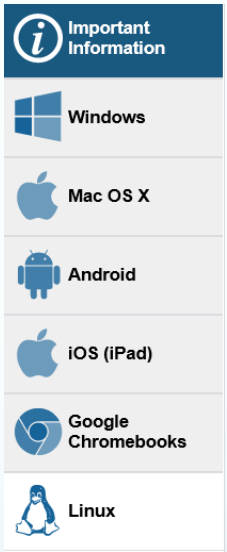
*Secure Browsers

- Prevent students from accessing other devices or Internet applications and copying test information during testing.
- Training and Practice Tests can be accessed with either the secure browser or with Chrome, Safari, Internet Explorer 10 and 11, or most native tablet Web browsers.
- http://mtsmarter.measuredprogress.org
- Practice and student training tests are available through these browsers and also continue to be available at

http://sbac.portal.airast.org/practice-test/



*Measured Progress Portal

https://mtsmarter.measuredprogress.org/portal/

Apps New folder Other bookmarks

ontana Comprehensive Assessment System

Smarter Balanced Assessment Consortium

Montana Comprehensive Assessment System (MontCAS)

SIGN IN

Links and Tips

- Bookmark this page or put a shortcut on your desktop for faster access to the page!
- To access documentation including Training Materials and the Administration Manual, click here.
- To download secure browsers, click here.

Welcome to the Montana Comprehensive Assessment System (MontCAS) Portal page

What's new?

Secure browsers are now available for download! Click here to access the secure browser page!

Working with Measured Progress, Montana educators and the Office of Public Instruction (OPI) have developed criterion-referenced tests (CRT) in reading, mathematics, and science. These assessments are a piece of Montana's Comprehensive Assessment System (MontCAS), which has been designed to provide parents and teachers valid, useful information to help all students succeed.

MontCAS' goal is to provide the necessary support and training that test administrators and their teams need to successfully administer the Smarter Balanced Assessment (SBA) in addition to all other statewide assessments.

Please visit http://opi.mt.gov/curriculum/MontCAS/ for more information on other Montana assessments.

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Secure Browser Installation

- Download and save the Secure Browser onto a media device (such as a flash drive) and copy and install the files on each computer.
- Other methods?
  - Download and save the Secure Browser to a network folder and then copy and install the files on each computer.

*Pop-Ups

- Configure browsers on Test Administrator devices to allow pop-ups from Measured Progress
- Student computers should have their pop-up blockers disabled.

*ART
Administration and Registration Tool

- Previously TIDE
- Rights and roles
- Hierarchy
- Log in and Passwords

*ART User Hierarchy

OPI

- Designates System Test Coordinators to receive passwords for their system and schools.
- Systems can request more than one system level password with rights.

System Test Coordinators

- Designate school principals/authorized representatives and/or school test coordinators to receive passwords and roles for their schools.

School Principals/Authorized Representatives and/or School Test Coordinators

- Designate school educators to received passwords and roles for their schools.

ART Users and Roles

	OPI Assessment Staff	OPI AIM Staff	System Test Coordinator	Principal/Auth Rep/School Test Coord	Test Administrator	Special Education Staff	Educator	Other
Designate System Test Coordinator and System Staff	X							
Register enrolled students and students who move		X						
Designate school ART users and roles			X	TBD				
Test Administration			X	TBD	X	TBD	TBD	TBD
Register students for supports and accommodations			X	TBD	TBD	TBD	TBD	TBD
Modify student information if necessary			X	TBD	TBD	TBD	TBD	TBD
Interim assessments			X	TBD	TBD	TBD	TBD	TBD
Digital Library***			X	TBD	TBD	TBD	TBD	TBD
Reports			X	TBD	TBD	TBD	TBD	TBD

TBD = To be determined by System Test Coordinator

***** For quickest access, contact Pam Birkeland, pbirkeland@mt.gov**

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*Templates for Uploads to ART

- Users
  - http://opi.mt.gov/pdf/Assessment/SMART/UserTemplate.xlsx
- Accommodations
  - http://opi.mt.gov/pdf/Assessment/SMART/AccommodationsTemplate.xlsx

Login and Passwords Email

- Welcome, Minnie Mouse, to MT Smarter Balanced! Your account, mmouse@Disney.k12.mt.us has been created and your temporary password is: IYpEh3%
  - This account will give you access the MT Smarter Balanced Assessment Application.
  - You are required to change your temporary password upon first login.
- Navigate to the following link and click on the blue sign-in button to access your account and update your password: https://mtsmarter.measuredprogress.org/porta
  - lYou will not be able to log into any Smarter Balanced systems until you have updated your temporary password.

*Log ins and Passwords

- If you did not receive your ART username and password March 10 by 3:00 p.m., please add the following email address as a contact or ask your IT coordinator to set it as an approved contact:
  - no-reply@measuredprogress.org
- Then, email montanahelpdesk@measuredprogress.org to have your username and password resent. If you need help adding the email address as a contact, check with the help desk.

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*Password Tips

- Once email is received, login using email as login name and the temporary password.
- Typing in the password seems to work better than cutting and pasting.
- Change password using the temporary password as the "old" password.
- New password must have at least 6 characters including a number.
- Once changed must select one security question, provide answer, and click SAVE

Embedded Supports and Accommodations

- The Smarter Balanced open source platform contains the same embedded supports and accommodations as the Field Test.
- The requirements presented are adequate for all embedded supports
- For American Sign Language videos, schools may want to schedule students during a window where there is less traffic on school internet
  - **ASL videos are large, and can cause delays on server traffic in schools with low bandwidth issues**

Text-to-Speech

- Voice technology must be available and functioning for students who require this accommodation.
- For Windows and Mac operating systems, default voice packs are generally pre-installed.
- Linux users may need to install an open-source text-to-speech package if one was not installed with the operating system.
- Detailed instructions can be found in the Technical Specifications Manual.

Volume control and Headphones

- All students will need headphones
- Any headphones that work with the device used will work.
- Check volume prior to opening secure browser to ensure that volume is set properly
- Plug in headphones and check to make sure they are working and that volume is appropriate

Online Reporting

	AIM	MontCAS Online Reports	OPI	Measured Progress	Other
SMARTER: Student registration	X				
SMARTER: Student registration for designated supports and accommodations				x	
SMARTER: Students who move	X				
SMARTER: Non standard accommodations requests		X			
SMARTER: Testing Irregularities		X	x		
SMARTER: Test submission and test security agreements				X	
CRT: Student registration	X				
CRT: Students who move	x				
CRT: Double starred ** accommodations requests for general education students		x			
CRT: Testing Irregularities		x	x		
CRT: Test security agreements				X	
CRT ALT: Student registration	x				
CRT ALT: Students who move	x			x	
CRT ALT: Double starred ** accommodations requests for general education students					
CRT ALT: Testing Irregularities		x	x		
CRT: Test security agreements				x	
NCSC: Student Registration	x				
NCSC: Students who move	x			x	
NCSC: Testing irregularities		x	x		
NCSC: Test security agreements					xSee NCSC NOTE in following table
All Spring 2015 Assessments: Non-participation reason		x			

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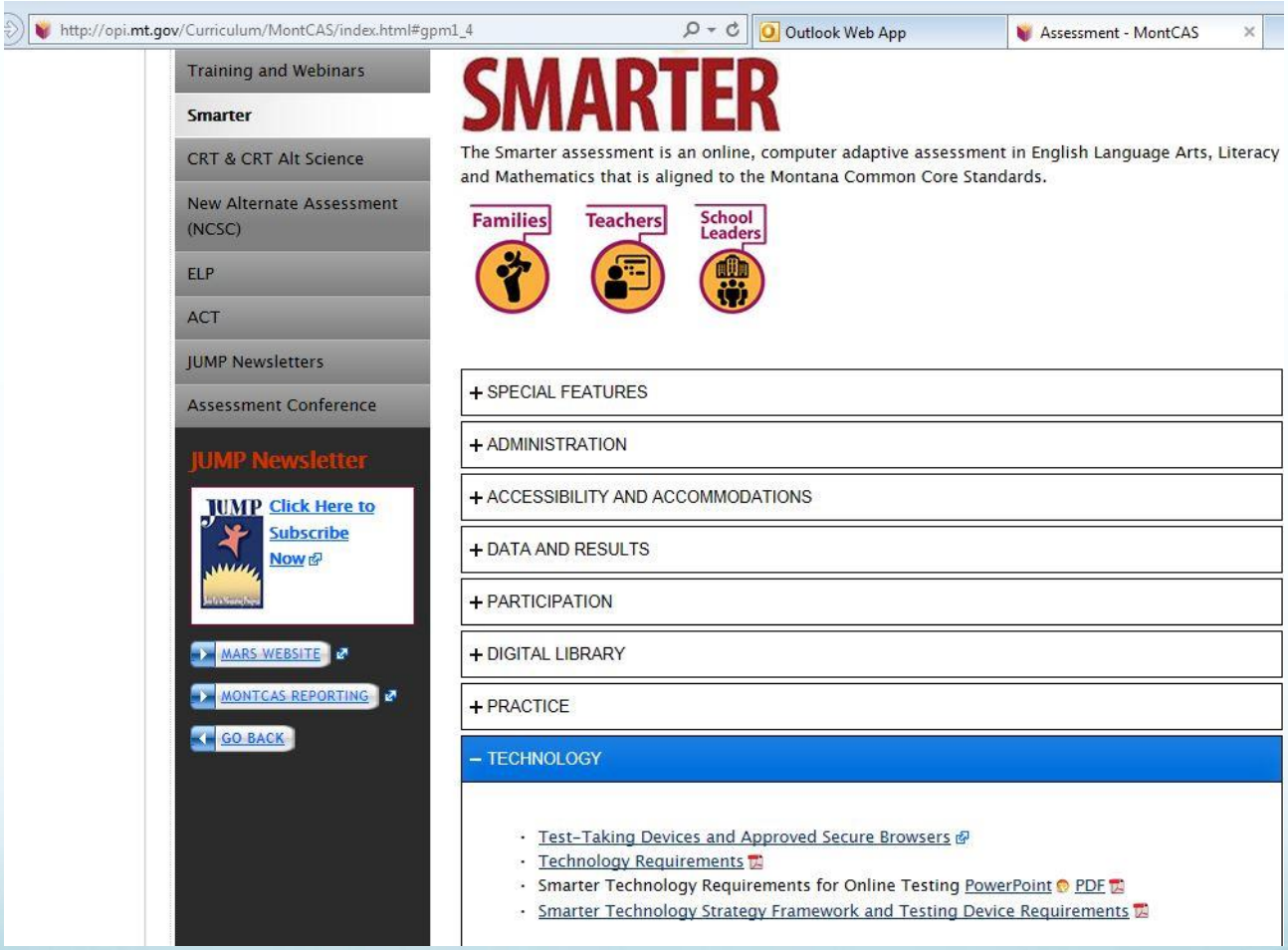
Links to Online Reporting

AIM	Use system/school login
MontCAS Online Reports • Smarter Non-Standard Accommodations • CRT Double Starred Accommodations • Testing Irregularities • Non Participation	https://apps.opi.mt.gov/MontCAS/frmLogin.aspx
OPI	OPI Assessment Contacts
Measured Progress Help Desk for Smarter and the CRT and CRT-Alt	888-792-2741 montanahelpdesk@measuredprogress.org
Measured Progress: • Smarter Test and Test Security Agreement • Test Submission • ART Designated Supports and Accommodations	mtsmarter.measuredprogress.org
• Measured Progress: CRT and CRT-Alt Test Security Agreement s	iservices.measuredprogress.org
• NCSC Test Security Agreements	Test administrators and System Tests Coordinators sign the agreements provided by NCSC. System Test Coordinators keep copies of signed agreements on file. OPI may request copies of the agreements.

Further Information:

ttp://opi.mt.gov/Curriculum/MontCAS/index.html



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*Montana Help Desk
1-888-792-2741,
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