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CYFERnetSEARCH.org:

Interactive Tools to Support CYFAR SCP Program Evaluation

CYFERnet Evaluation Team

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Alexandria, Virginia

Outline for Today

1. UA CYFERnet Evaluation Team
2. Features of CYFERnetSEARCH.org
3. Logic Model Builder
4. Common Measures
5. Survey Builder
6. Clickers for Data Collection
7. IRB
8. Review
9. Reporting

CYFERnet Evaluation

- Role of the CYFERnet Evaluation Team at the University of Arizona:
  - Provision of technical assistance and training
  - Coordination of evaluation webinars
  - Development of evaluation resources (i.e. CYFERnetSEARCH.org)
  - Coordination and implementation of use of clicker technology for data collection
  - CYFERnet Reporting

CYFERnetSEARCH.org

What is CYFERnetSEARCH.org?

- CYFERnet SEARCH - Supporting Evaluation and Research Capacity Hub
- Assist CYFAR SCP grantees meet USDA-NIFA evaluation requirements with specific and easy-to-use interactive tools
  - Logic model and survey builders
- Comprehensive source for evaluation capacity-building resources, tools, and information
- Available to the general public

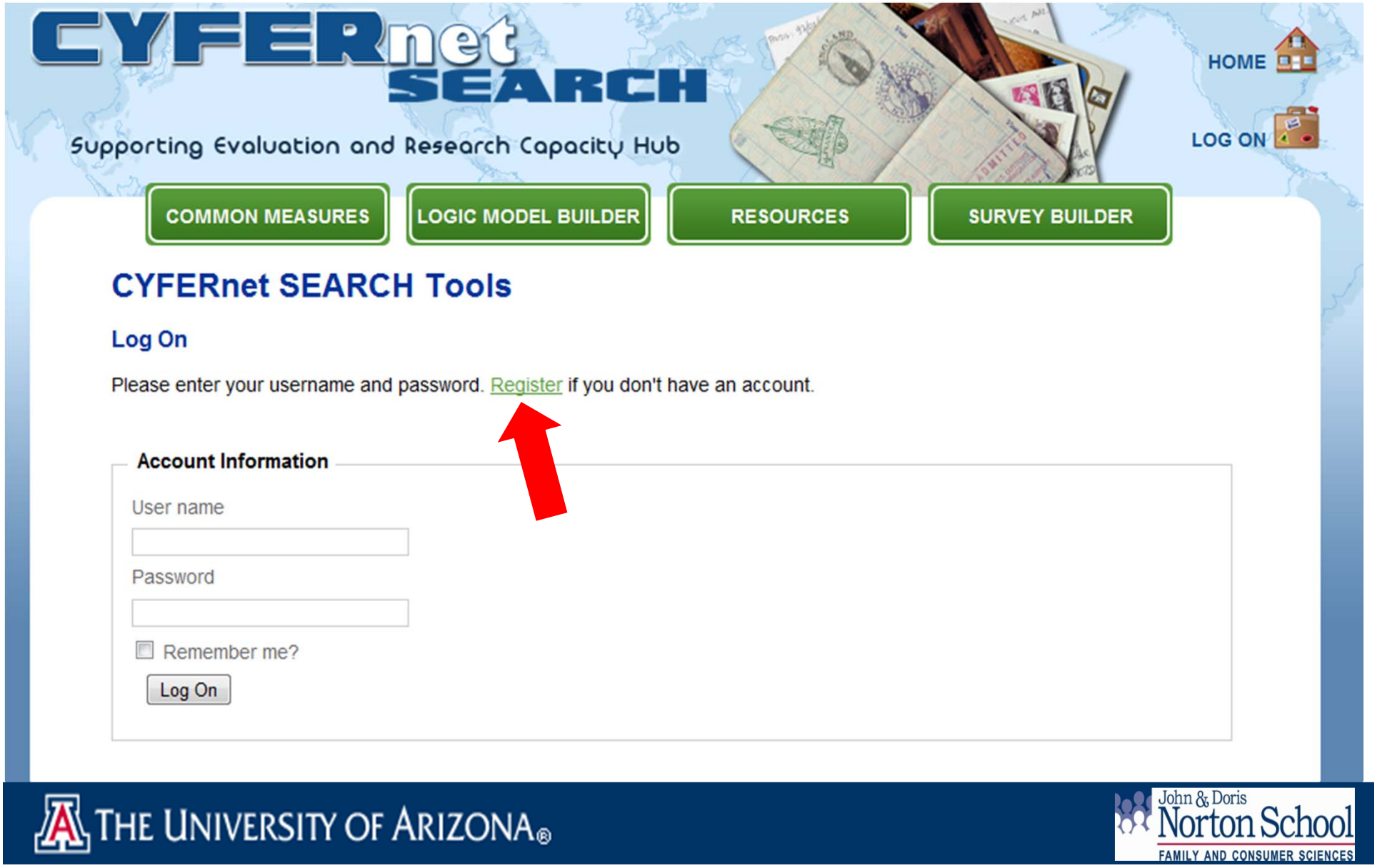
Why was CYFERnetSEARCH.org Developed?

- Aligned with larger scope of CYFERnet Evaluation work
- Integrates the use of technology to support evaluation efforts and understanding of CYFAR work
- AZ-SEARCH collaborators
  - University of Arizona lead institution and developer of website
  - Virginia Tech, Texas A&M University, University of Minnesota, & North Carolina State University

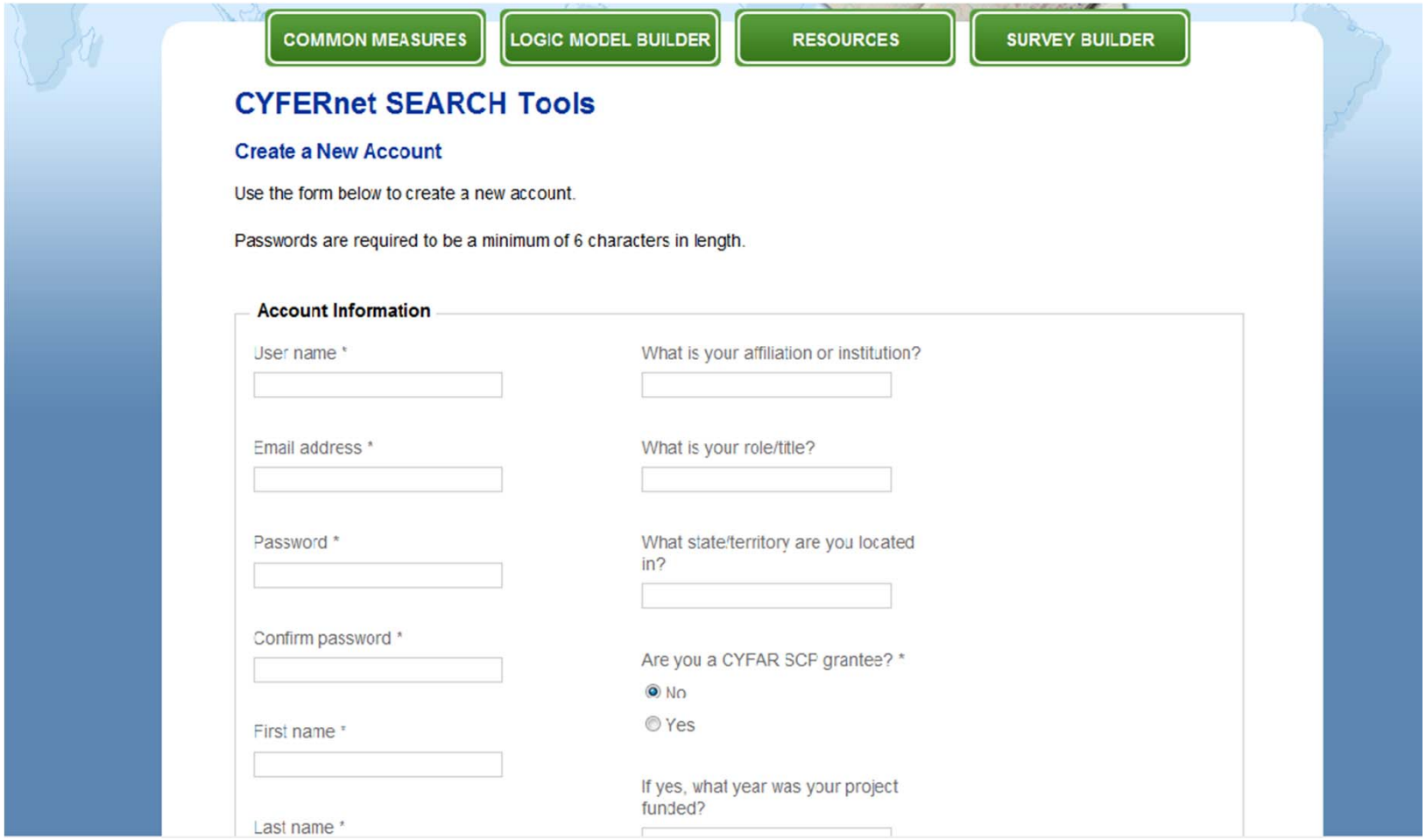
Features of CYFERnetSEARCH.org

- Approved CYFAR Common Measures
- Interactive Learning Modules
- Additional Evaluation Instruments
- Videos and Archived Resources
- Glossary
- Logic Model Builder
- Survey Builder
- Clicker Technology

Register to Sign In



Create Your Account



Features of Your Account

- Building logic models and survey
  - Save, review, revise, download
- Managing data collection
  - Downloading survey files
  - Uploading data
  - Downloading data sets
  - Reporting functions

Interactive Learning Modules

- 8 interactive learning modules
- Designed to support development of evaluation capacity
- Features include:
  - Videos
  - Interactive Quizzes
  - Additional Resources

Interactive Learning Modules

- Topics include:
  - Planning for Effective Program Evaluation
  - Focusing on Evaluation
  - Evaluation Questions and Designs
  - Evaluation Methods
  - Collecting and Handling Data
  - Analyzing Your Data
  - Communicating Evaluation Results
  - Program Management

Interactive Learning Modules Home

http://cyfernetsearch.org/learning-mods-home

Videos Resources

- Videos on specific topics integrated throughout learning modules

https://cyfernetsearch.org/video_directory

Archived Resources

- Archived publications, webinars, reports relevant to youth development
  https://cyfernetsearch.org/archived_resources

Glossary

- Key evaluation terms from leading experts in the field
- Accessible in the Main Glossary and as hovering definitions throughout the website

Feedback Page

- Users may provide feedback:
  - *General questions*
  - *Website comments or suggestions*
  - *Website problems*
  - *Additional short-term indicators*

Online Logic Model Builder

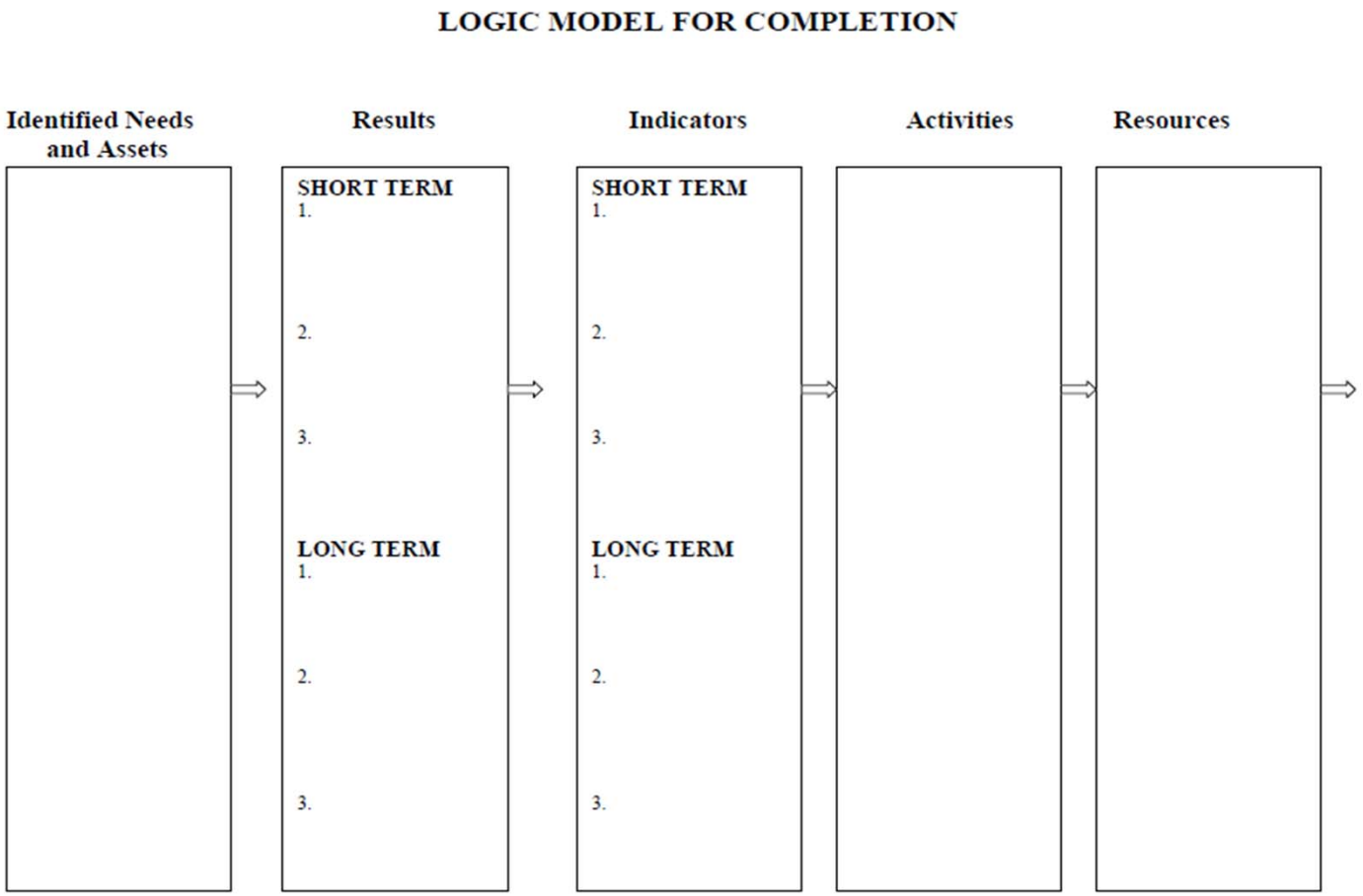
- From anywhere on the CYFERnetSEARCH.org website, click on the Logic Model Builder tab to begin

Logic Model Builder

- Features include:
  - Step-by-step instructions including examples
  - Edit your title
  - Edit any section of the logic model
  - Print and/or save to your computer
  - Save to your CYFERnetSEARCH online account

Preview, Edit, Print

Logic Model Template



Worksheets
(Short & Long Term Results)

LOGIC MODEL WORKSHEETS

Short-Term Desired Results:

Indicators (Type of Data)	Source of Data	Time of Collection	Methods of Collection	Analysis

Why Common Measures?

- Why use common measures?
  - Support program outcomes
  - Provide aggregate-level data
  - Promote sustainability
  - Demonstrate performance accountability
  - Report findings to grantees, stakeholders, funders, policy makers

Common Measures and CYFAR

- Previous history of use by other funding agencies
  - Substance Abuse and Mental Health Services Administration (SAMHSA)
    - Government Performance Results Act (GPRA)

- Request to identify and use common measures by USDA-NIFA for use within the Children, Youth, and Families At Risk (CYFAR) system
  - CYFERnet Evaluation team (University of Arizona, Virginia Tech)

Identifying Common Measures for Use within CYFAR System

- Process of identifying short-term outcome areas for CYFAR programs nationally
  - Use logic models to identify short-term outcome areas of funded CYFAR grantees
  - Acknowledge diversity of CYFAR target populations and programming
  - Ongoing process of identifying short-term outcome areas for newly funded grantees

Review and Vetting Process for Evaluation Measures

- Over 300 evaluation assessments identified in 7 short-term outcome areas
- Developed standards for evaluating the measures, three rounds of review
  - Published/available psychometrics
  - Reliability
  - Validity
  - History of use (wide scale, generalizable)
  - Languages
  - Reading level
  - Cost
  - Ease of use; training

CYFAR Target Populations and Short-Term Outcome Areas

- Target populations/survey versions:
  - **Youth**
    - *Middle school*
    - *High school*
    - *Elementary (K-5)*
  - **Adults**

CYFAR Common Measures

Construct/Topic	Version Type(s)
Leadership Development	High School
Nutrition	Middle School, High School
Parenting	Adults
Physical Activity	Middle School, High School
Science	Middle School, High School
Technology	Adults, Middle School, High School
Workforce Preparation	Middle School (grades 7-8) High School (grades 9-12)

Required Common Measures

- Participant demographics
- Participation level
- Core competencies
- Youth program quality (youth version)

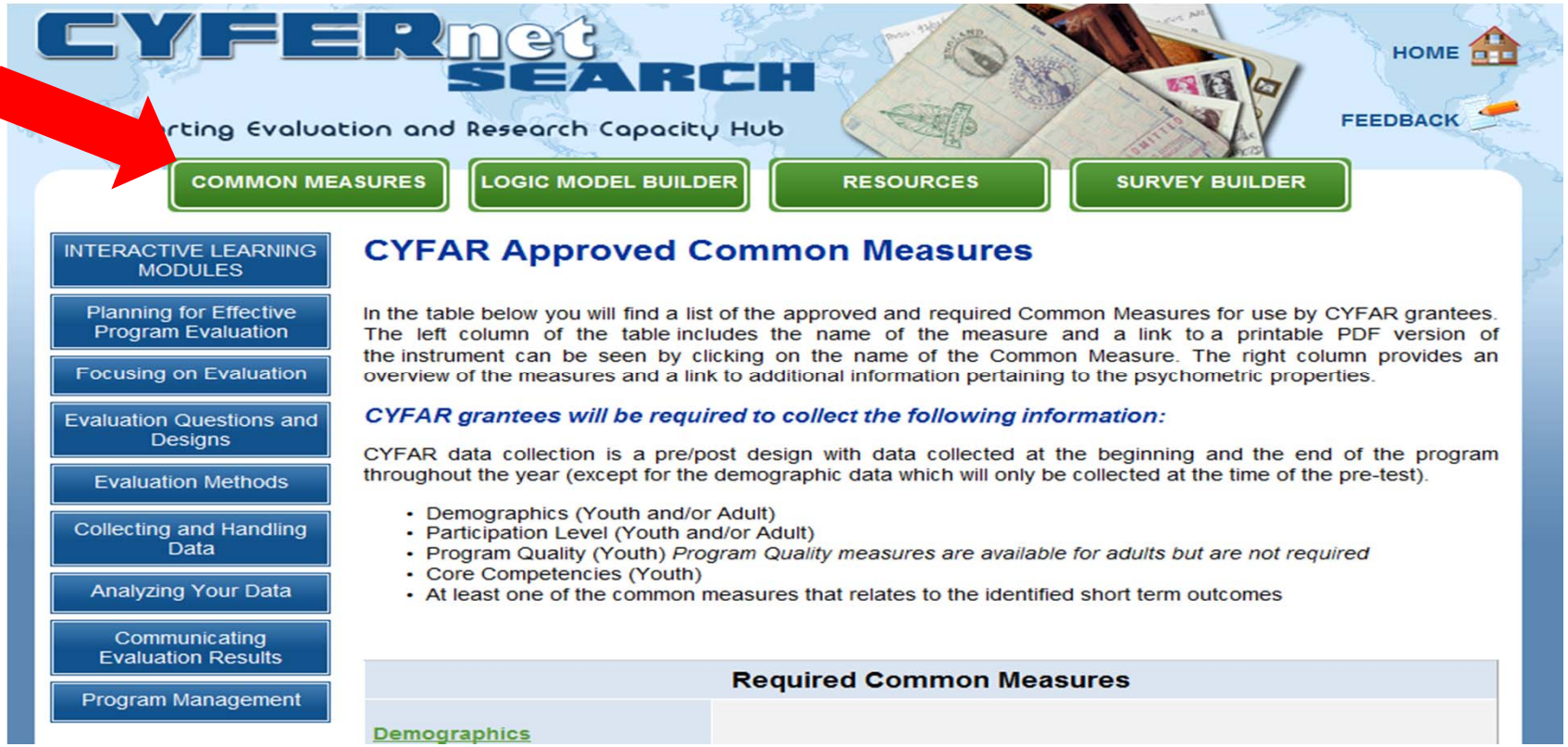
CYFAR Grantee Requirements

- Year One CYFAR SCP grantees are required to use the CYFAR Common Measures

- Required measures include:
  - **Demographic** & **Participation Level** measures required for **all participants**
  - **Core Competencies** & **Program Quality** measures required for **youth participants**
  - At least one **approved CYFAR Common Measure** from designated short-term outcome areas

Common Measures Resource Page

- Includes a list of all the required measures as well as measures specific to short term outcome areas
- Each common measure and psychometrics is available as a PDF, by clicking on the name of the instrument

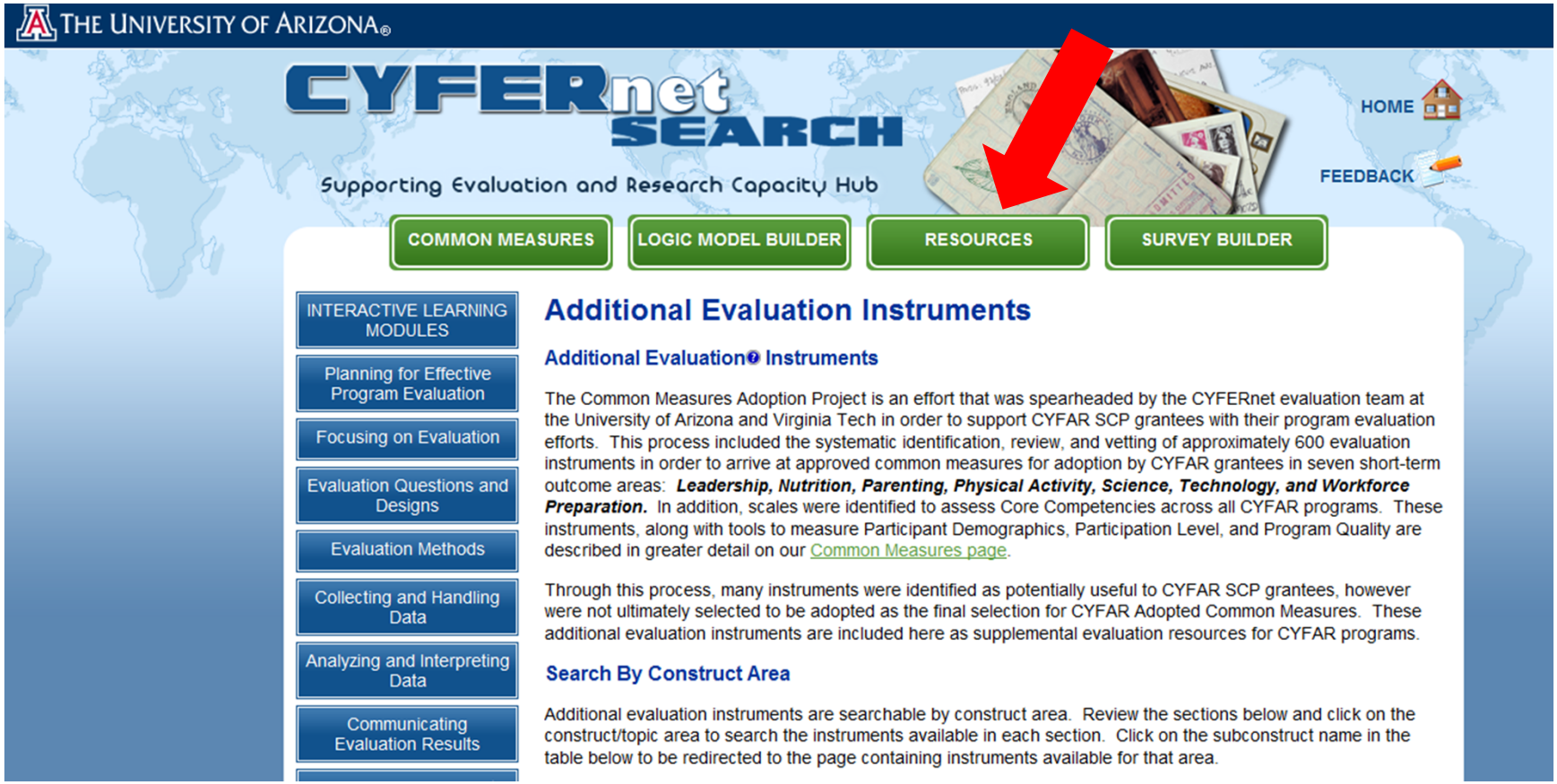


Additional Evaluation Resources

- 93 evaluation instruments identified as suitable and/or appropriate measures

- Reviewed during vetting process, but not ultimately selected as CYFAR Common Measures
  - Leadership development
  - Nutrition
  - Parenting
  - Physical activity
  - Science
  - Technology
  - Workforce preparation
  - ***Civic responsibility and civic engagement***
  - ***Risk behaviors***
  - ***School climate***

Additional Evaluation Instruments



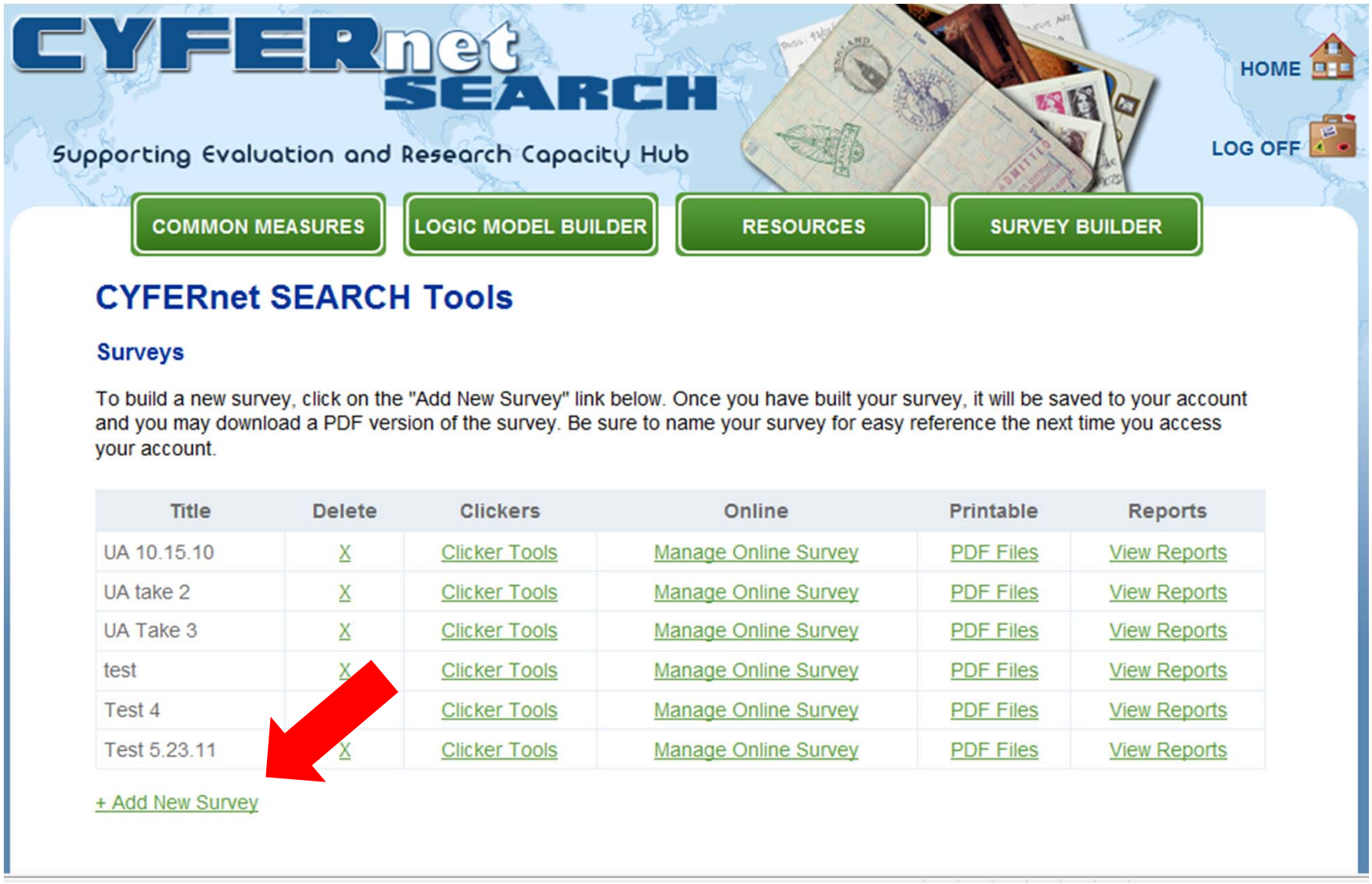
Future Directions with Common Measures

- Work with grantees with programs in areas not addressed by 7 short-term outcome areas
- Support needs of newly funded CYFAR programs
- **Continue to identify and vet evaluation assessments**
  - Additional short-term outcome areas
  - More diverse target populations
  - Developmentally appropriate for diverse audiences

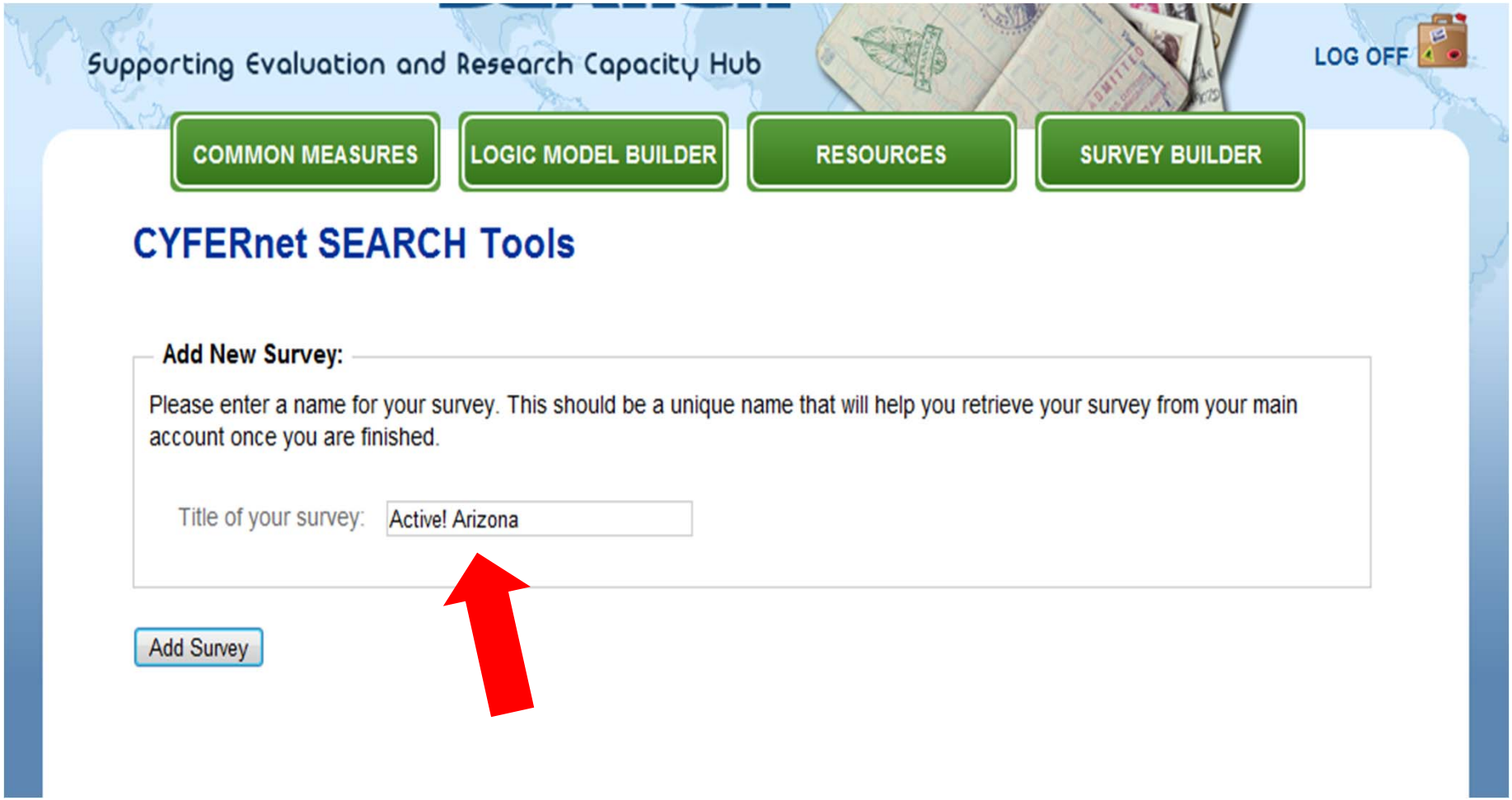
Survey Builder

- Create, edit and save surveys to your account
- Select from approved CYFAR Common Measures
- **For CYFAR grantees:**
  - **Demographic** & **Participation level** measures required for ***all participants***
  - **Core Competencies** & **Program Quality** measures required for ***youth participants***
  - ***At least one common measure*** in short-term outcome area

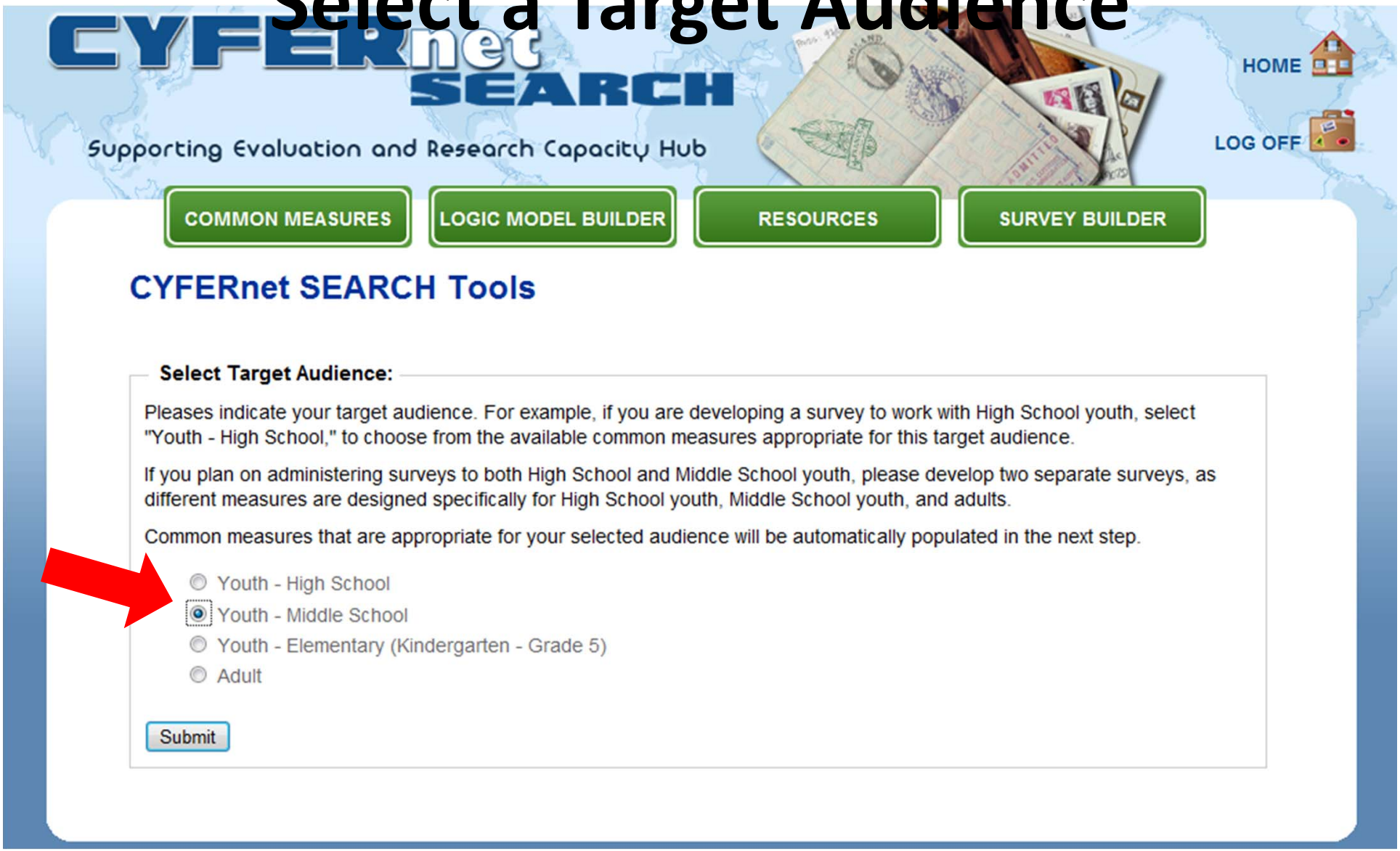
Add a New Survey



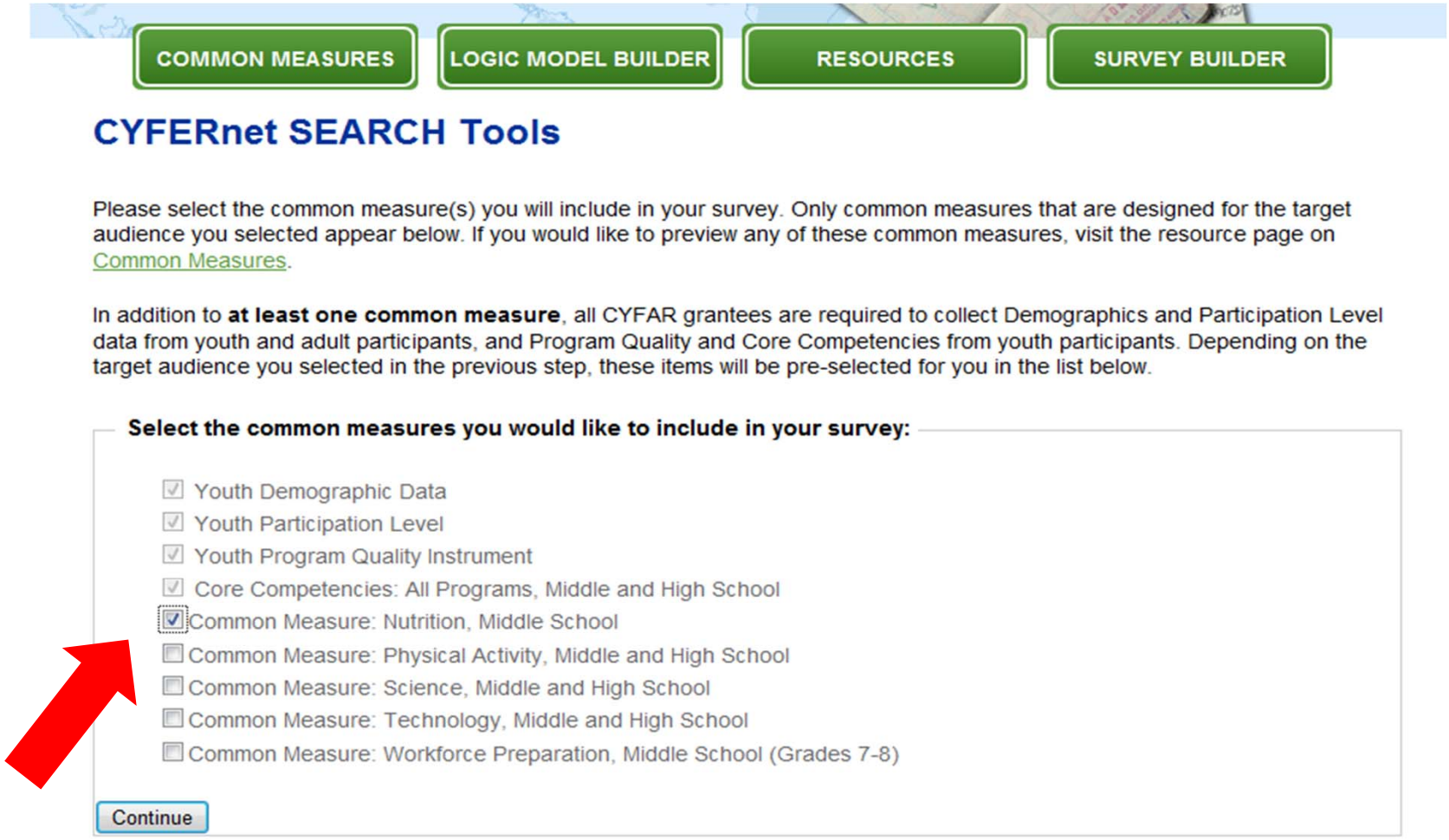
Title Your Survey



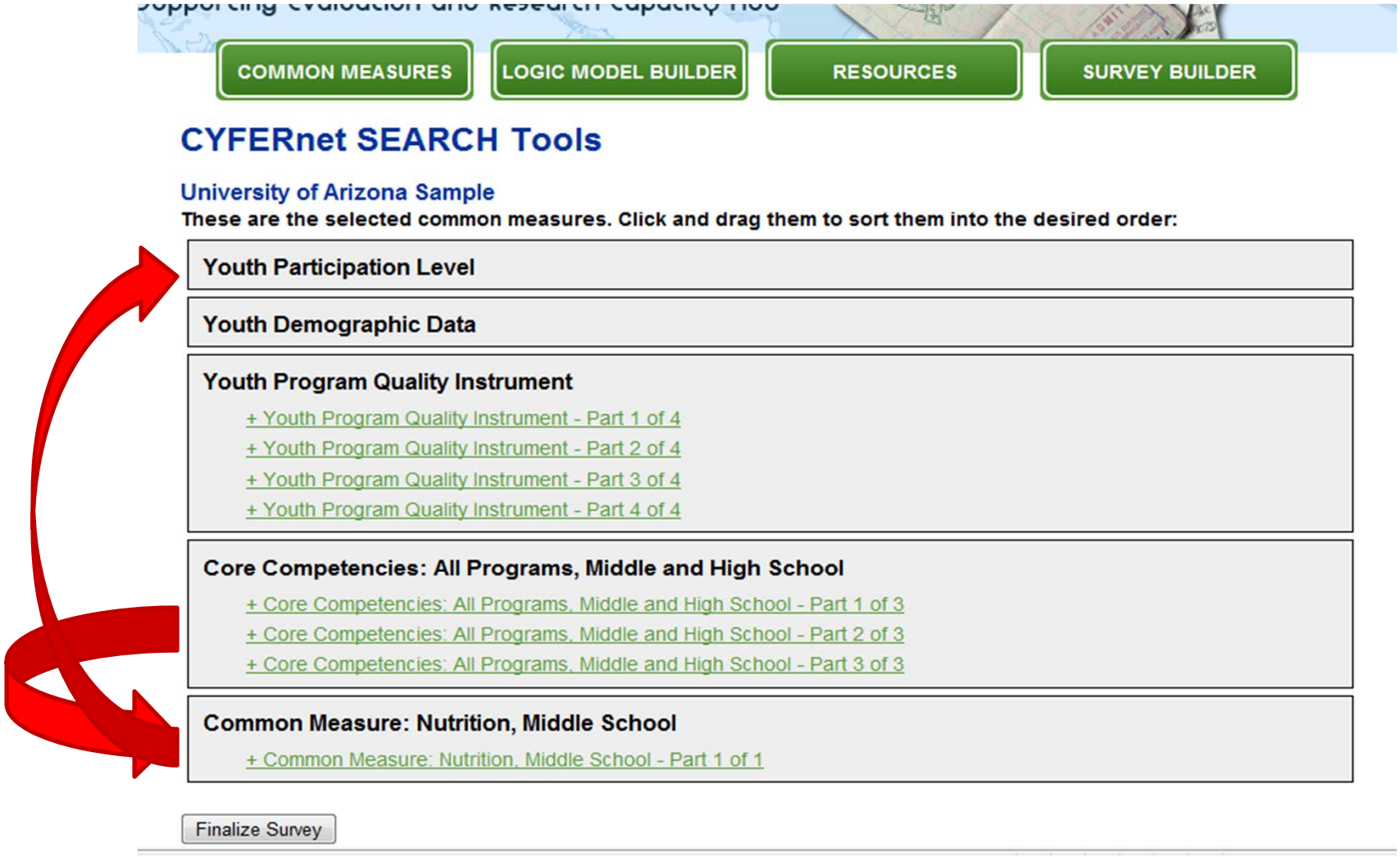
Select a Target Audience



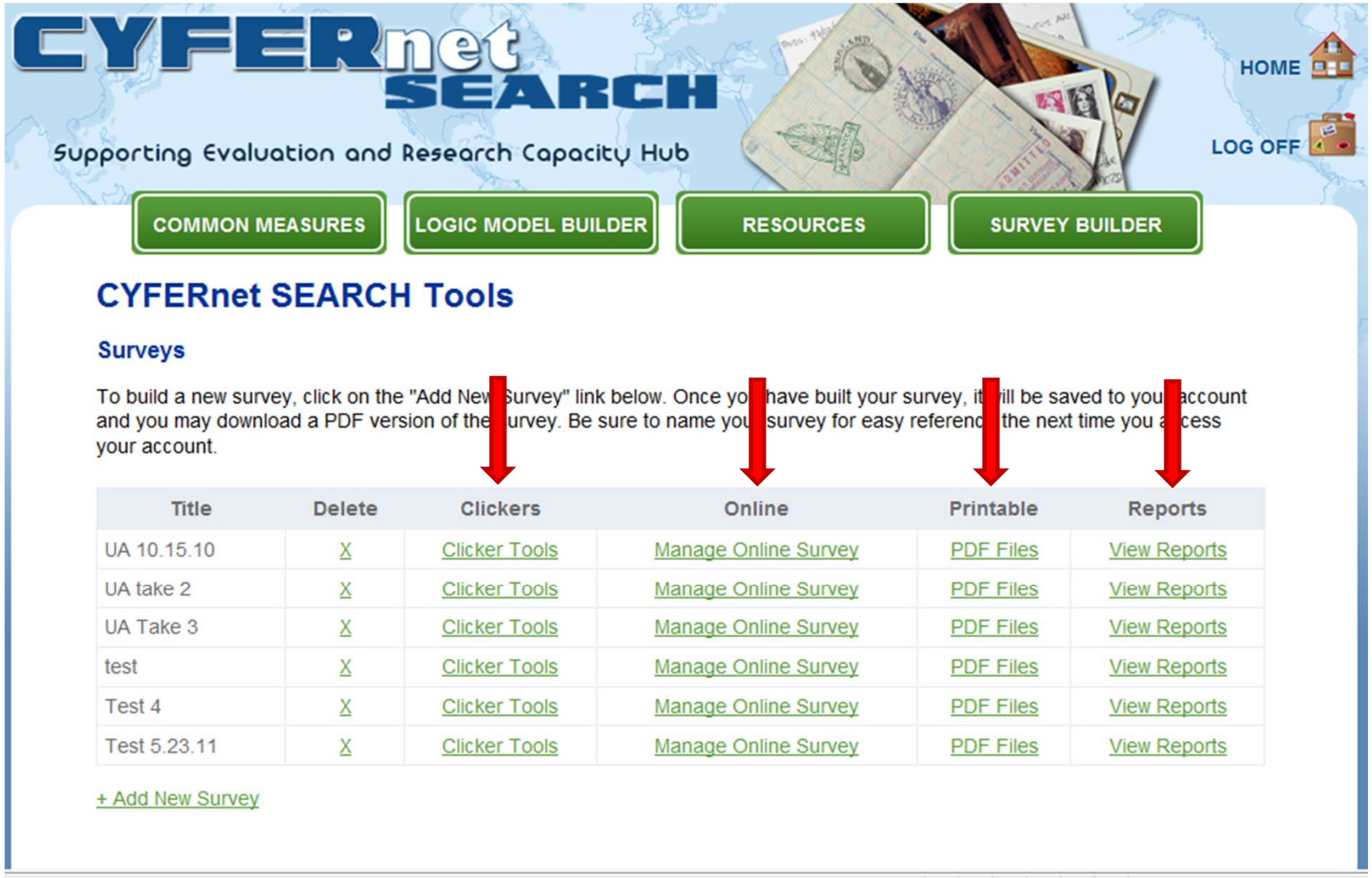
Select Common Measure(s)



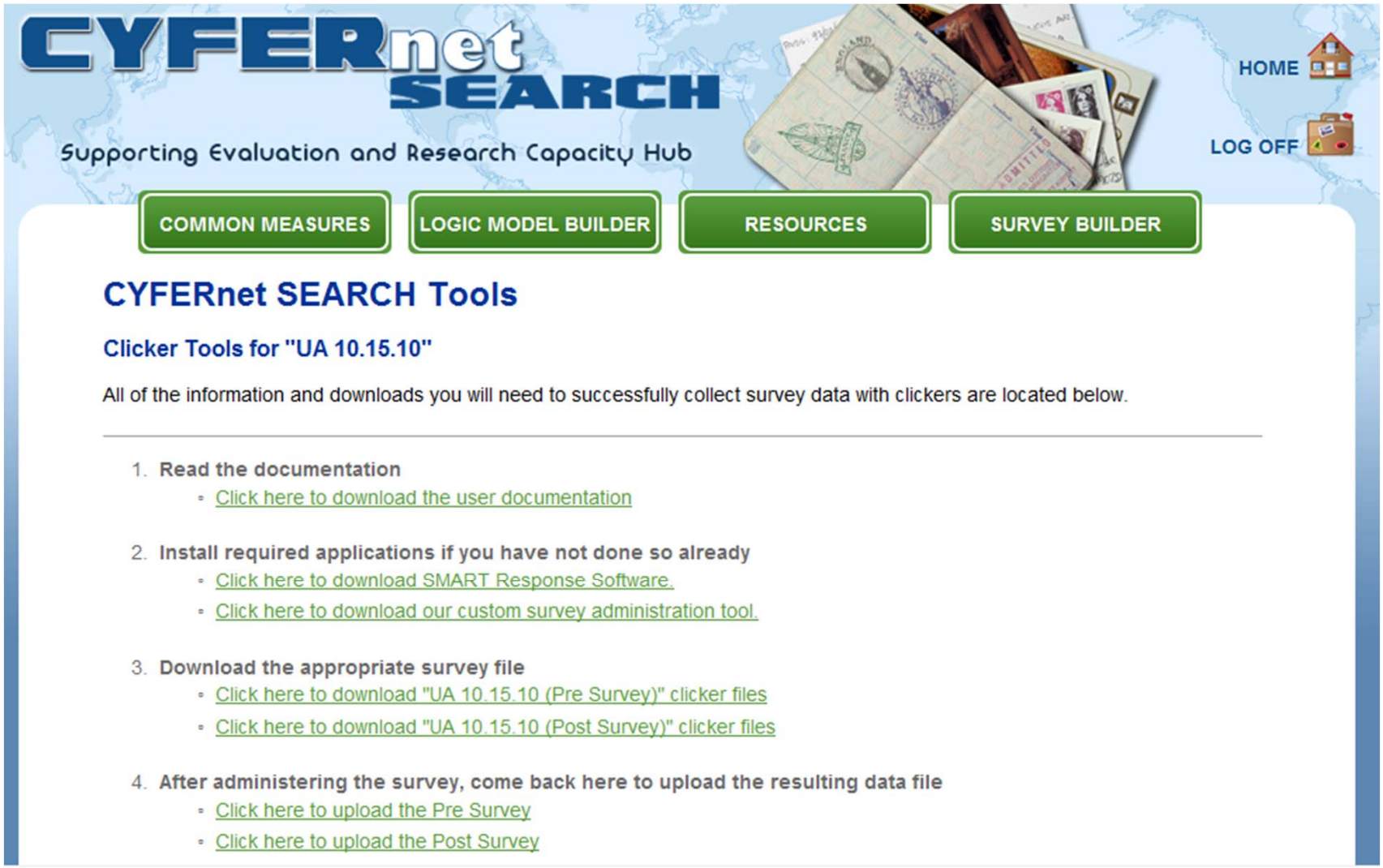
Preview & Change Order



Manage Your Surveys



Download Clicker File



Clicker Technology

Clickers for Data Collection

- Year One CYFAR SCP grantees will be ***required*** to use clicker technology to collect Common Measure data
  - Years Two & Three may opt in
- Equipment, training, and technical assistance will be provided by the University of Arizona
- Use of CYFERnetSEARCH.org for developing surveys, downloading survey formats (PDF, online, clicker), uploading data, and generating basic reports

Benefits of Using Clickers

- Eliminate manual data entry
- Better quality of data
- Collect data from large groups at once
  - Up to 32 participants in one setting
- Great way to engage participants in data collection
- Help streamline data collection across CYFAR programs
- Enable aggregate-level analysis of outcomes

Fun with Clickers!

Data Management

- Use CYFERnetSEARCH.org for:
  - Data upload
  - Data export for site-specific analysis
    - *CSV or Excel*
  - Basic reporting functions
    - *Coming Soon!*
  - Aggregate-level analysis in short-term outcome areas
  - Initiative-wide analysis to USDA-NIFA

IRB and The University of Arizona

- CYFAR grantees **must** consult with their **local institution** to determine if the collection of CYFAR Common Measures will require IRB approval

- The University of Arizona's IRB **<u>will not</u>** provide multi-institution level oversight and Human Subjects approval for the Common Measures data collection process

- Each site will safeguard their data by submitting ***only*** de-identified data to the CYFERnetSEARCH.org website

IRB and The University of Arizona

According to the University of Arizona's IRB, and in compliance with the **United States Department of Health and Human Services, Office for Human Research Protections (OHRP)**, the UA's role in the CYFAR Common Measures data collection process ***does not constitute human subjects research*** because:

- CYFAR Common Measures data will be collected as part of routine program evaluation and is not part of a specific intervention (program or activity) proposed by the University of Arizona;

- CYFAR Common Measures data will be de-identified (stripped of personal information and coded with a unique identifier provided by the site) when it is submitted by CYFAR SCP grantees to the University of Arizona; therefore, the University of Arizona **will not** be able to trace data back to specific individuals and **will not** be able to identify individual persons based on their data

Important Steps to Take Before Collecting Data

- Each institution interprets the federal guidelines governing what constitutes Human Subjects research differently
- Before collecting CYFAR Common Measure data, check with your local institution's IRB to determine if it qualifies as research
- Program evaluation is often exempt from IRB review, though this will ultimately be determined by the specific interpretation of your institution's IRB

Additional Considerations

- What survey questions (if any) do you plan on collecting above and beyond CYFAR Common Measures?
  - Are these questions sensitive in nature?
- What do you plan to do with your data?
  - Submission to peer reviewed publication?
- What are your institution's requirements when collecting data from youth and adult study participants?
- Do you need Human Subjects training and certification prior to data collection?

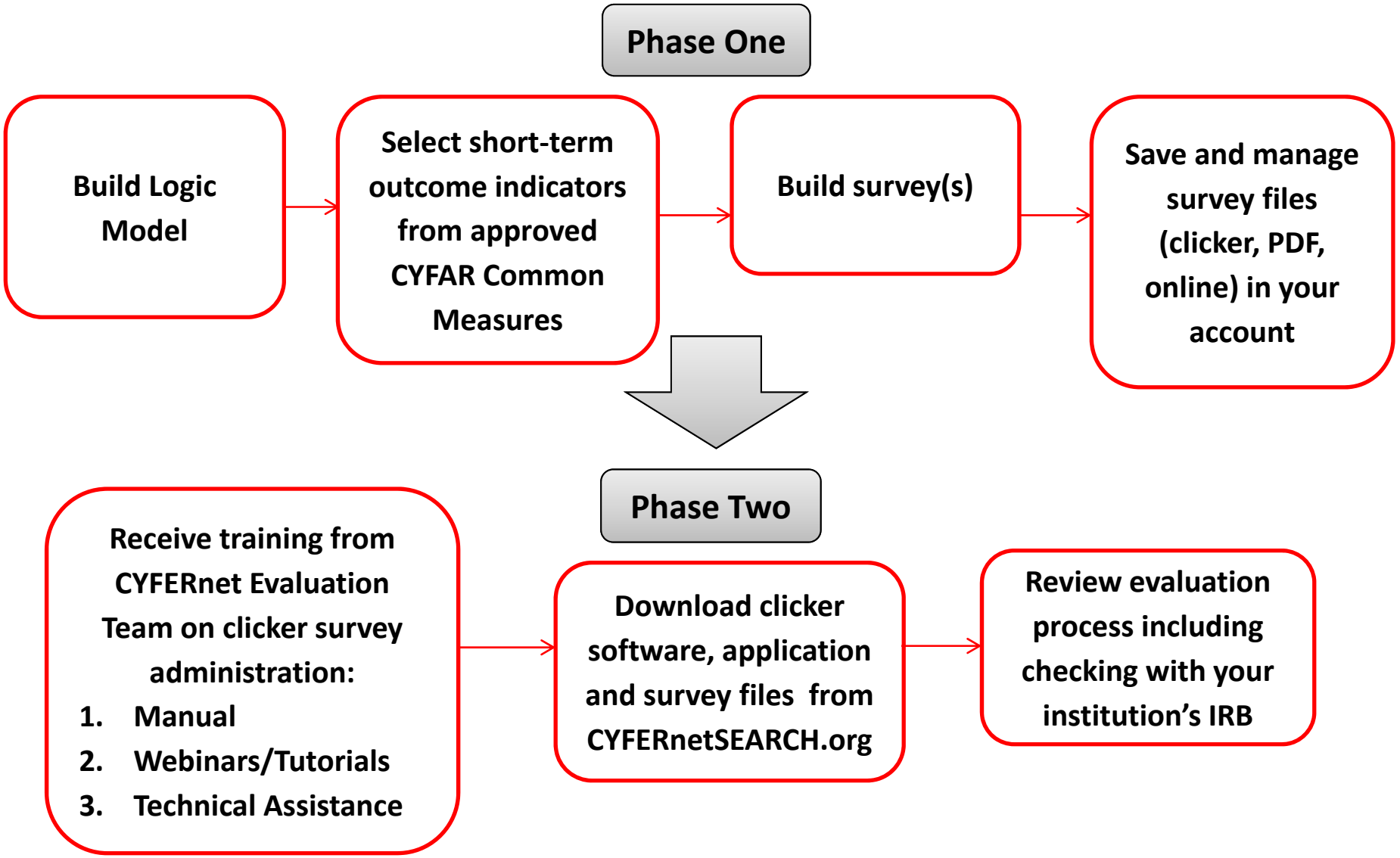
Learn More!

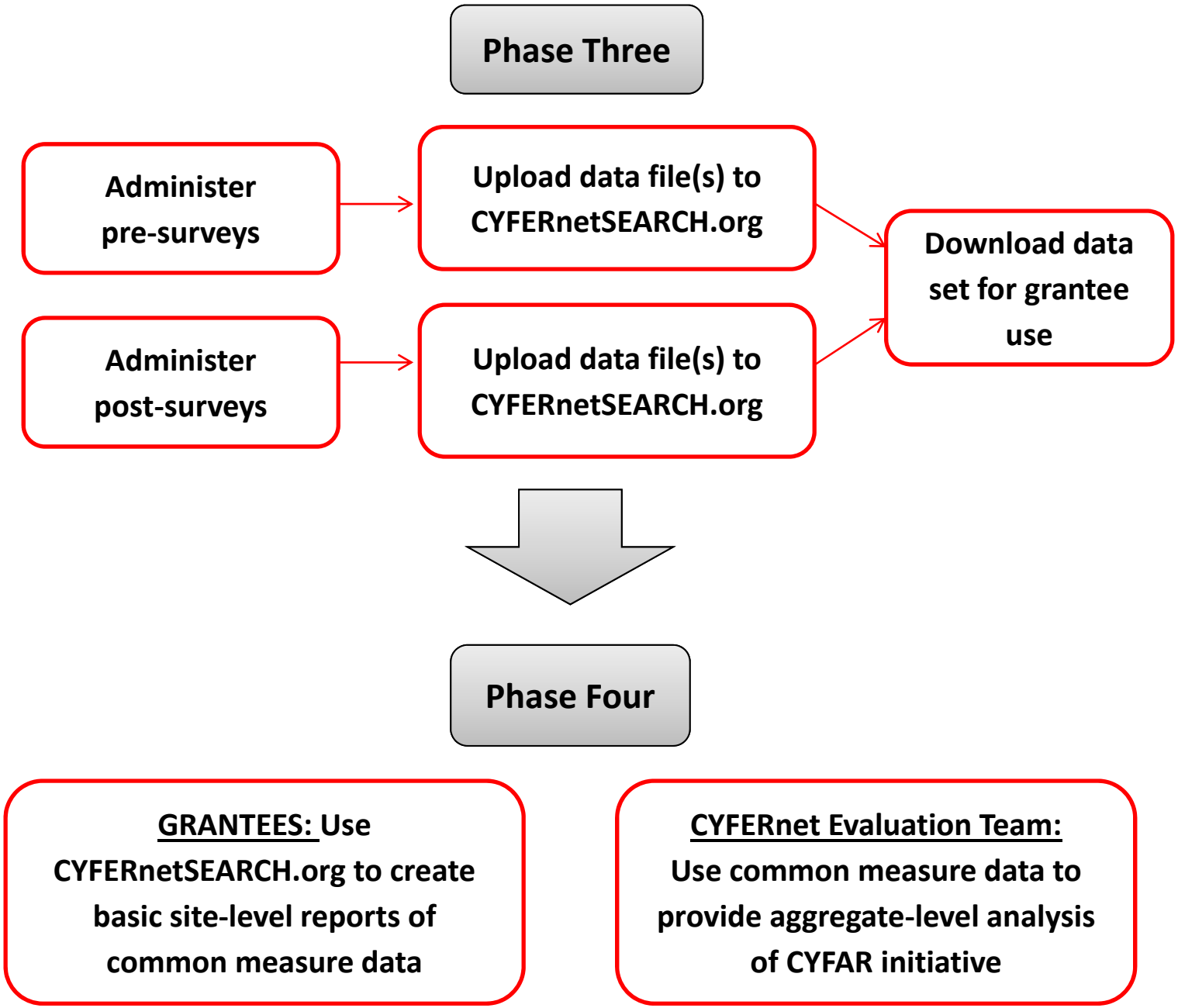
- Review the United States Department of Health and Human Services, Office for Human Research Protections (OHRP) 45 CFR 46.102(f) guidelines for more detailed information about what qualifies as research involving Human Subjects

- Review the CYFERnetSEARCH Interactive Learning Module on ***Collecting and Handling Data*** for more information on research with Human Subjects and the IRB review process:

  https://cyfernetsearch.org/ilm_5_1

Common Measures Data Collection Process




Phase Three
Administer pre-surveys
Upload data file(s) to CYFERnetSEARCH.org
Administer post-surveys
Upload data file(s) to CYFERnetSEARCH.org
Download data set for grantee use
Phase Four
GRANTEES: Use CYFERnetSEARCH.org to create basic site-level reports of common measure data
CYFERnet Evaluation Team: Use common measure data to provide aggregate-level analysis of CYFAR initiative

Benefits and Challenges

Benefits

- Aggregate-level information on outcomes and impact
- Ability to leverage funds and resources
- Build and support evaluation capacity within the CYFAR system
- Opportunity to learn how to use new form of technology

Challenges

- Identifying common measures that address needs of diverse CYFAR programs
- Incorporating technology use to collect data
- Need to be flexible during roll out of innovative, technology-based support features

Future Training & Support

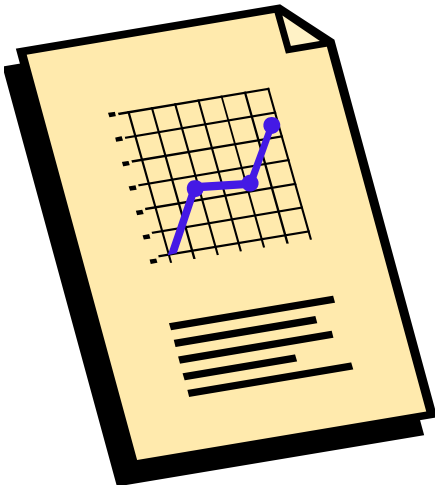
- Clicker Training Webinars
  - July 26 & 28
- Tutorials on CYFERnetSEARCH.org
- Individualized technical assistance
- Equipment coordination
- CYFAR Reporting

CYFAR Annual Report

- Annual report required of CYFAR grantees (in addition to CRIS)
  - *Nontechnical Summary (CYFAR Marketing Statement)*
  - *Objectives (CYFAR Results Statements)*
  - *Approach (CYFAR Overview)*
  - *Progress (CYFAR Accomplishments)*
  - *Impacts (CYFAR reported results)*
  - *Publications (Not in CYFAR)*
  - ***Demographics***

CYFAR Annual Report

- Reporting system available for use
  - *October-December*
- Reporting Timeframe
  - *From last report to current year*
- Notification from USDA-NIFA



Next Steps!

- Update Logic Model online*
  - *July 15, 2011*
- Build survey online*
- Verify your institution's IRB requirements, if any*
- Participate in webinars/trainings*
- Use other evaluation resources (learning modules, videos, etc.) at CYFERnetSEARCH.org!

  - ***REQUIRED**

Thank You!

Questions or want more information?

CYFERnetSEARCH.org

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