



# Exam Security and COVID-19

Practical Concerns and Strategies to  
Address Them

# Presenters

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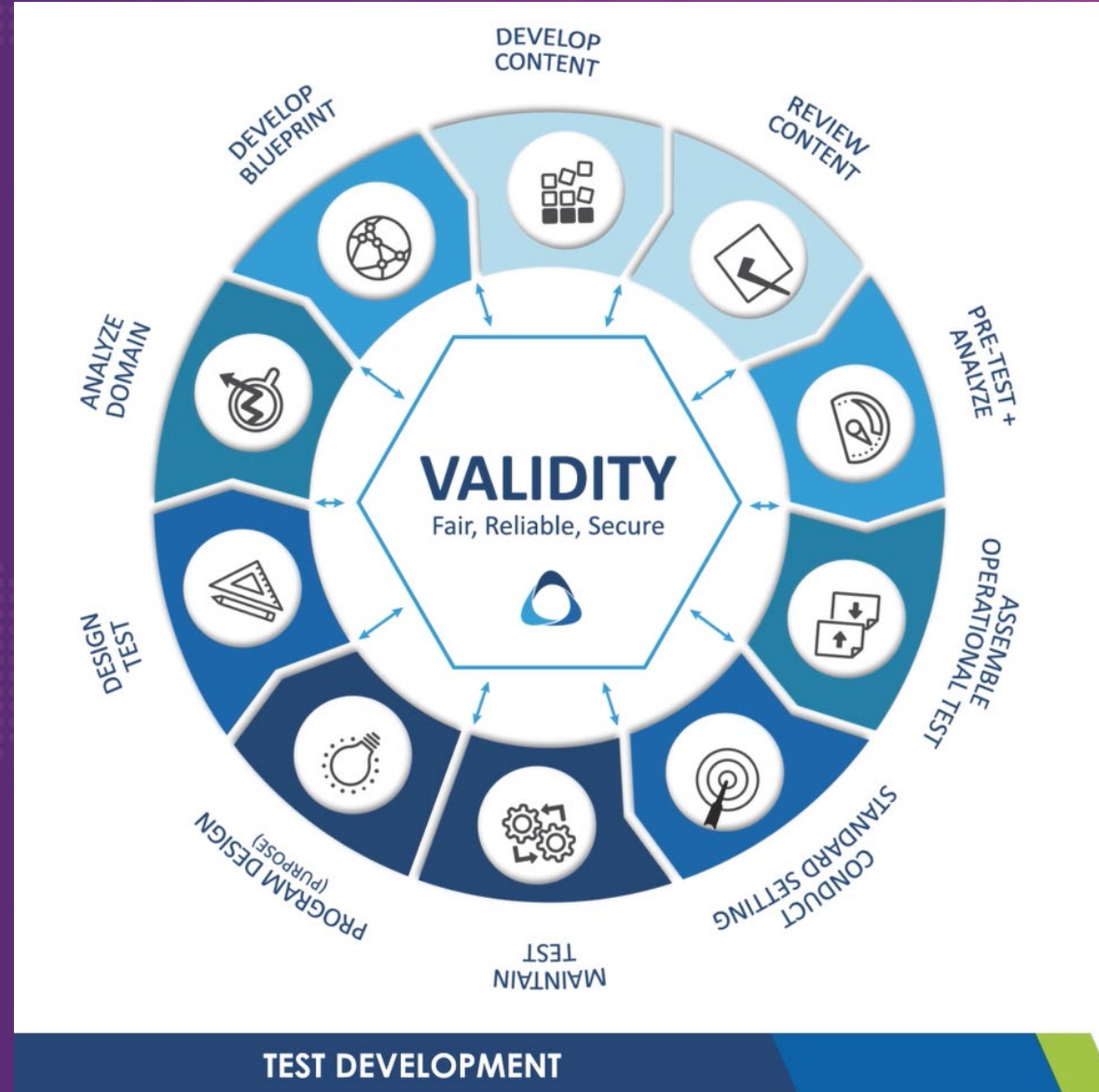
## Phases of Exam Security

- Prevention
- Detection
- Enforcement
- **Security is threat to validity and program reputation**
- **Phased approach to security/resource availability**

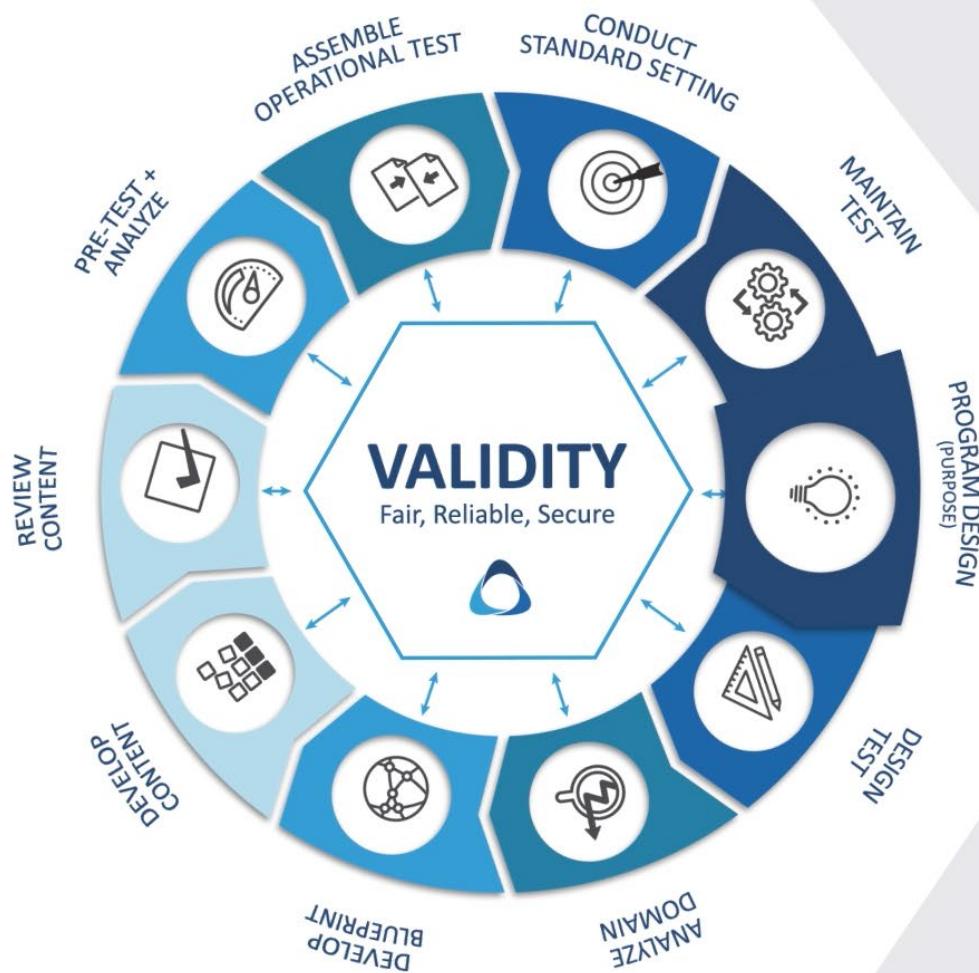


# Exam Lifecycle

ASSESSMENT  
for a Better World



# ASSESSMENT for a Better World



TEST DEVELOPMENT

## DESIGN PROGRAM

Understand market needs.

Define the program's purpose, audience, intended uses, and value propositions.

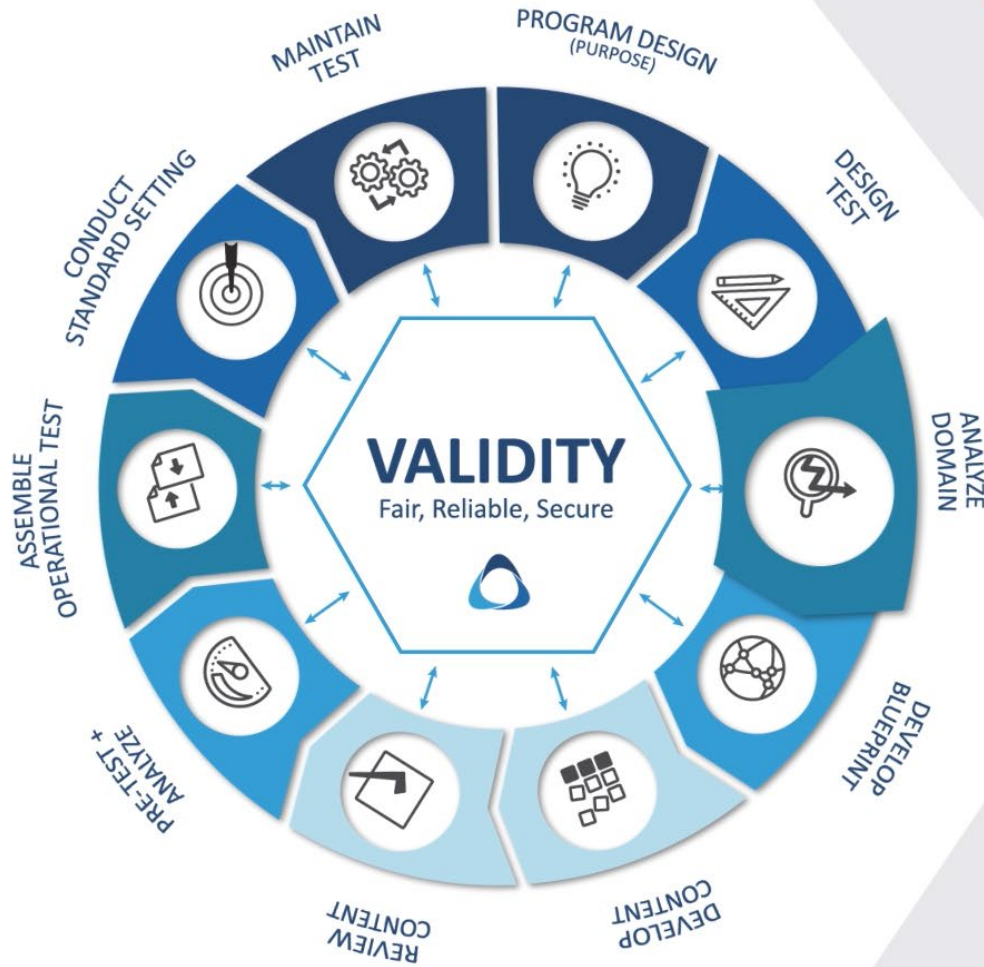
Review or audit existing programs and identify goals for future improvement.



# ASSESSMENT for a Better World



# ASSESSMENT for a Better World



TEST DEVELOPMENT

## ANALYZE DOMAIN

Conduct Job-Task Analysis (JTA) for new assessments or to update existing ones.

Define and align the content domain to be measured with the purpose of the exam and its stated specifications.



# ASSESSMENT for a Better World



## TEST DEVELOPMENT

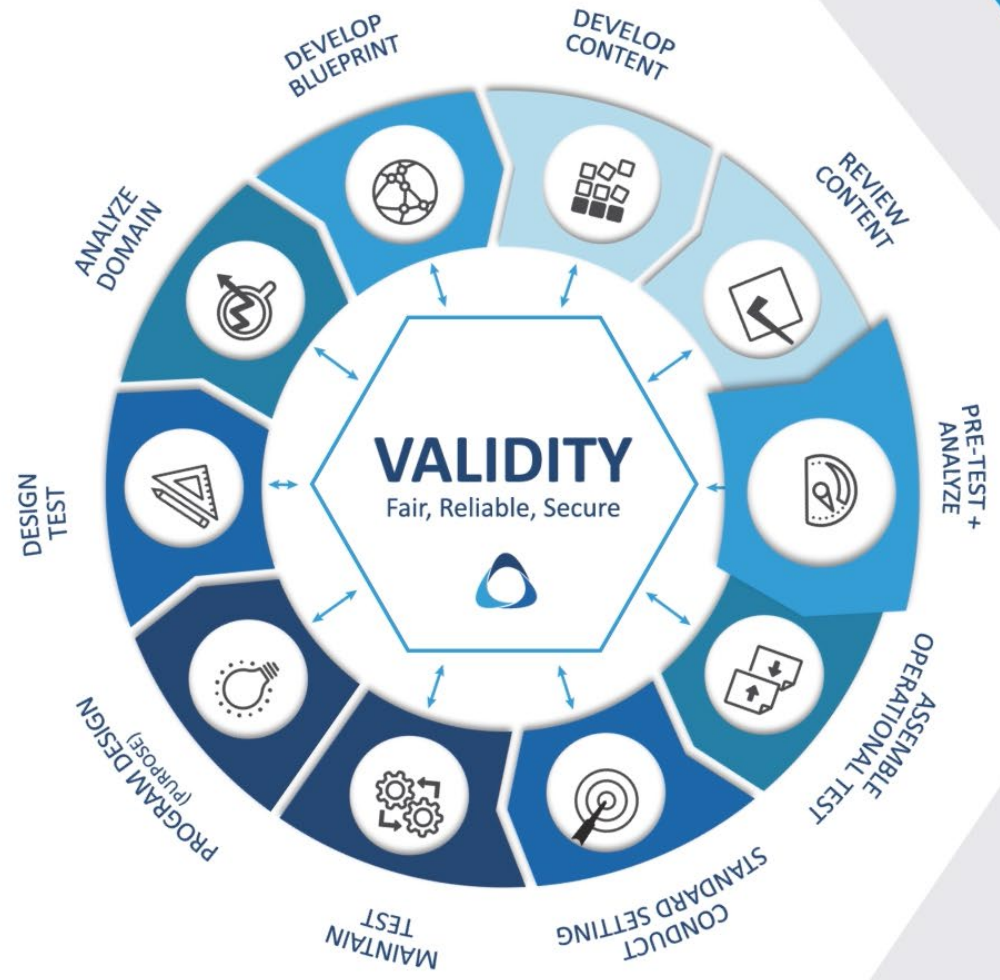
## DEVELOP CONTENT

Develop selected and/or constructed response items/tasks and associated scoring logic, requirements, and rubrics.

Ensure alignment of the content to the exam blueprint, targeted level of cognitive complexity, and intended purpose and interpretation of the test scores.



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TEST DEVELOPMENT

# PRE-TEST + ANALYZE

Prepare beta/pilot forms/blocks and manage resulting data.

Perform analysis (e.g., CTT, Rasch, IRT) and provide recommendations.

# ASSESSMENT for a Better World



TEST DEVELOPMENT

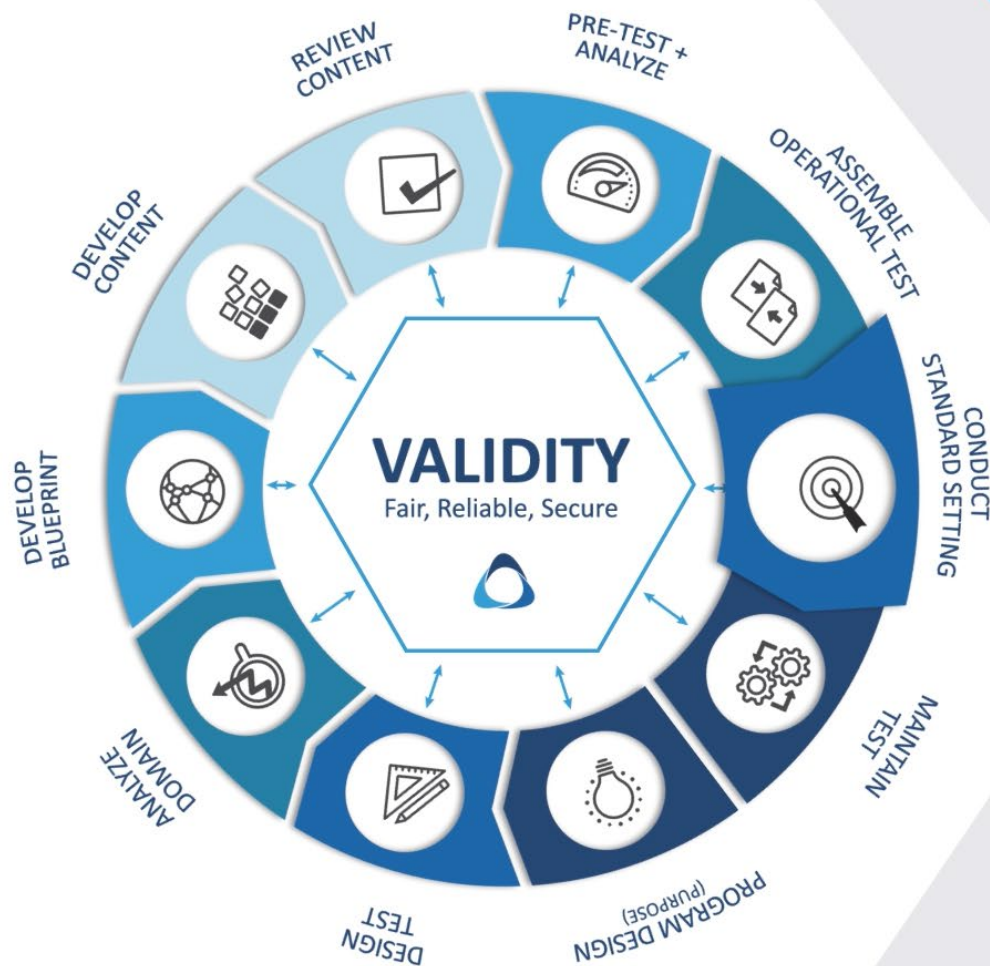
## ASSEMBLE OPERATIONAL TEST

Create forms congruent with test design, blueprint, and other variables of interest to maximize psychometric quality, including section level feedback.

Conduct equating, scaling, and rescores as appropriate.



# ASSESSMENT for a Better World

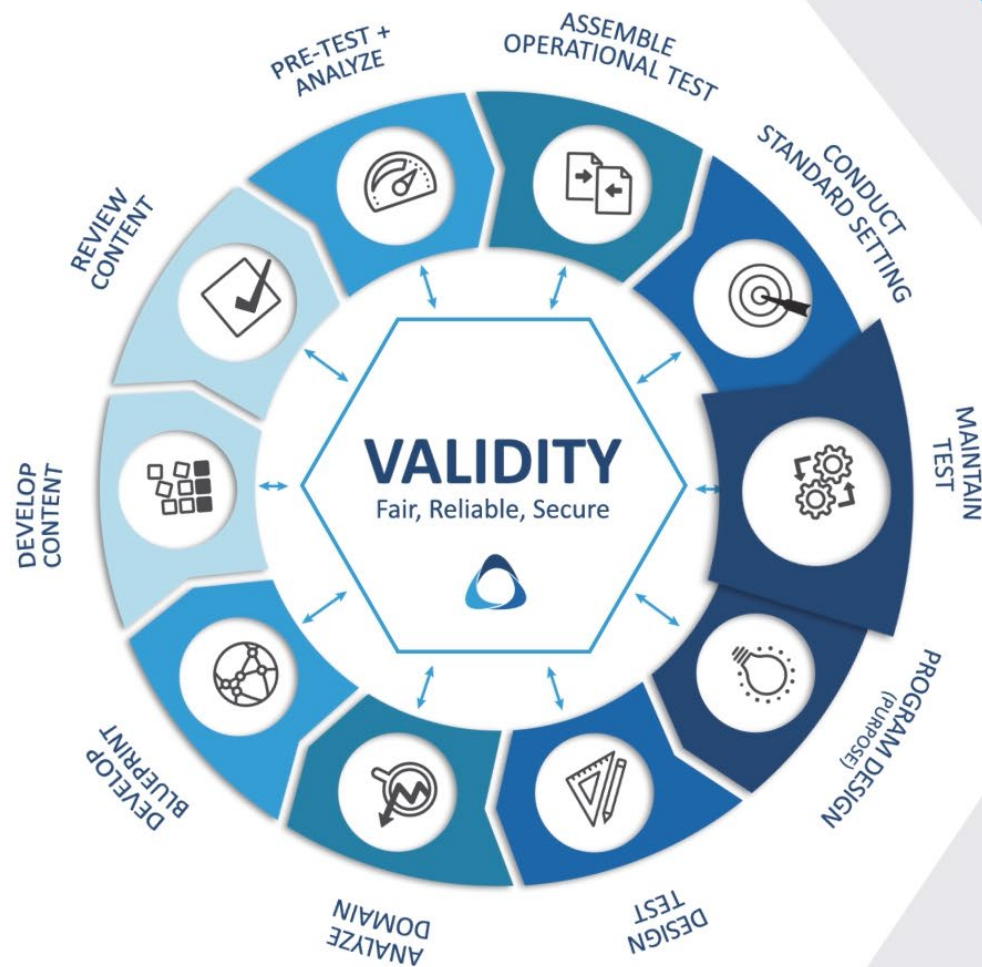


TEST DEVELOPMENT

## CONDUCT STANDARD SETTING

Facilitate a test-centered and/or an examinee-centered approach to determine a passing standard for your exam such as a modified Angoff, extended Angoff, Hofstee, or Bookmark.

# ASSESSMENT for a Better World



TEST DEVELOPMENT

## MAINTAIN TEST

Provide ongoing support for your assessments (e.g., item and form analysis and consultation, creation of new forms, validity studies to support the program needs.)



# Conclusion

## Final Recommendations

- Report monitoring/analysis monitoring
- Content/form refresh
- Implement realistic processes
- Track policy infractions overall, if possible

# Questions?

## Contact Information

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