

Test Plan for a College Study Bible Print Edition

Purpose

The purpose of this test is to assess the navigation and accessibility of the [REDACTED] Catholic Study Bible.

The test will assess:

- **Primarily Navigation & Accessibility** including:
 - How students locate passages
 - Where Scripture text begins
 - How to locate Bishop's introductions
 - How to locate [REDACTED] Introductions
 - Whether and how students navigate through the different parts of the text including the footnotes, scripture references and maps, etc.
- **Secondarily Readability & Comprehension** to the extent that design/layout helps students to find, read and comprehend what they are completing as a task

User Profiles

The typical user of the [REDACTED] Catholic Study Bible is an undergraduate college student. The [REDACTED] Catholic Study Bible is used by students in Catholic Universities for class and for homework.

We will test five students in this target user range, including both male and female.

Methodology

The testing will be done with individual students with the test conducted by a facilitator. The methodology will be simple and straightforward. In the course of the testing we will use the following testing procedures:

- Morae testing will be used to observe the students locating passages and non-scripture text & material.
- Interview questions will be used to ask follow up questions

Testing Tasks

Task 1: Ask the student to **turn to Psalm 1 in the [REDACTED] Catholic Study Bible.**

When they have finished, the interviewer will ask the student to respond to two prompts:

- Share where they think the chapter begins
- Share why they selected a particular place as where the chapter begins

This question gets at the ability to navigate the book from the outside in & distinguish between the introduction material and where the Scripture text begins.

Task 2: Ask the student to **go From Psalms to Galatians 3:15.**

This question gets at navigation from within the Bible.

Task 3: Ask the student to **find the footnote for Romans 9:13.**

When they have finished, the interviewer will ask the student to two prompts:

- Please read the footnote that you found
- How did you know that was the right one?

This question gets at the navigation to the footnotes & the readability & comprehension of the footnotes based on the design/layout.

Task 4: Ask the student to **find the scripture reference for Romans 9:13 and tell me what it is.**

When they have finished, the interviewer will ask the student a prompts:

- How did you know where to look for the scripture reference
- How did you know that was the correct one?

This question gets at the readability & comprehension of the scripture references (based on design/layout) and the navigation within the Bible.

Task 5: Find the Scripture Passage referenced above in Romans 9:13

This question gets at navigation within the Bible.

Task 6: Ask the student **where they would look to find information on Paul's travels.**

This question gets at navigation between the scripture text and the ancillary material.

Task 7: Find the [REDACTED] introduction to the Wisdom Books

This question gets at navigation within the Bible.

Task 8: Find the Bishops Introduction to the Wisdom Books

This question gets at navigation within the Bible.

Evaluation Methods

Task 1: Ask the student to turn to Psalm 1 in the [REDACTED] Catholic Study Bible.

This task will be scored as follows:

- Completed with EASE: if they seem to know where to go in the Bible or where to go to figure out where to go in the Bible and get to Psalms
- Completed with DIFFICULTY-if they move forward a step and go back at any time to a previous step before they get to Psalms
- Failed to COMPLETE-didn't get Psalms 1 at all

Sharing where they think the chapter begins is active intervention and will not be scored – only reported out in comments.

Task 2: Ask the student to go From Psalms to Galatians 3:15.

This task will be scored as follows:

- Completed with EASE: if they seem to know where to go in the Bible or where to go to figure out where to go in the Bible and get to Galatians
- Completed with DIFFICULTY: if they have to go to the TOC more than once or go back and forth between books of the Bible in the NT before they get to Galatians
- Failed to COMPLETE: didn't get to Galatians at all

Task 3: Go to the footnote for Romans 9:13

This task will be scored as follows:

- Completed with EASE: if they go right to the footnote and locate it
- Completed with DIFFICULTY: if they have a hard time distinguishing the footnote from the text; if they aren't sure where to look at first, or what a footnote is but eventually find it
- Failed to COMPLETE: if they don't even look in the footnotes or don't know what a footnote is

Reading the footnote and sharing how they knew it was the right one is active intervention and will not be scored – only reported out in comments.

Task 4: Find the further scripture reference for Romans 9:13 and tell me what the reference is

This task will be scored as follows:

- Completed with EASE: go right to the reference section and name it
- Completed with DIFFICULTY: if they get confused between reference and footnote, but eventually figure it out;
- Failed to COMPLETE: if they can't find the reference on the page, or remain confused between footnote and reference

How did they know where to look or that they had the right one is active intervention and will be recorded in comments

Task 5: Ask the student to find that scripture passage.

This task will be scored as follows:

- Completed with EASE: go to the reference and either know how to find Malachi or go to the TOC and then find Malachi
- Completed with DIFFICULTY: if they get confused between reference and footnote, but eventually figure it out; if they go to the TOC, try to find it and then get lost but eventually find it
- Failed to COMPLETE: if they can't find the reference on the page, or can't get to the Old Testament Book of Malachi

Task 6: Ask the student where they would look to find a map on Paul's travels.

This task will be scored as follows:

- Completed with EASE: if they go right to the correct map and find it right away
- Completed with DIFFICULTY: if they go the correct map, don't think they are on the right place, go to another before they come back
- Failed to COMPLETE: if they don't find the right map

Task 7: Find the [REDACTED] Introduction to the Wisdom Books

This task will be scored as follows:

- Completed with EASE: if they go right to the correct map and find it right away
- Completed with DIFFICULTY: if they go the correct map, don't think they are on the right place, go to another before they come back
- Failed to COMPLETE: if they don't find the right map

Task 8: Find the Bishop's introduction to the Wisdom Books

This task will be scored as follows:

- Completed with EASE: if they go right to the correct map and find it right away
- Completed with DIFFICULTY: if they go the correct map, don't think they are on the right place, go to another before they come back
- Failed to COMPLETE: if they don't find the right map

Test Environment

We will use the Morae Usability Labs at SMP the Morae testing. The testing room will be set up with a laptop and two cameras--one camera will video the student's activity with the Bible and the other camera will video the student's face. A facilitator will be in the room.

A second room will be used for observing. There will be two laptops used:

Laptop 1: one for starting/stopping the recording, saving the tests and logging starts and stops.

Laptop 2: will be used to mark comments and key observations.

Test Schedule

The date for the test is Wednesday around noon. We anticipate testing five or six students in consecutive 30-minute slots. PJ is recruiting the students

Team Members and Roles

All the members of the project team will be invited to participate in the testing. We will have to fill the following roles for each test:

- **Facilitator:** *INSERT TEAM MEMBER NAME* will greet the students and lead them through the test using the pre-determined script.
- **Logger:** *INSERT TEAM MEMBER NAME* will run the testing software, starting and stopping each testing task.
- **Observer(s):** *INSERT TEAM MEMBER NAME* will mark observations using the Observer software. There will be at least one observer and possibly two.

Plan for Reporting

Task 1:

- Task Time
- Task Success
- Steps
- SUS
- Report out comments

Task 2:

- Task Time
- Task Success
- Steps
- SUS
- Report out comments

Task 3:

- Task Time
- Task Success

- Steps
- SUS
- Report out comments

Task 4:

- Task Time
- Task Success
- Steps
- SUS
- Report out comments

Task 5:

- Task Time
- Task Success
- Steps
- SUS
- Report out comments

Script

████████ Catholic Study Bible – Print Student Book Navigation & Accessibility

(note: *instructions in italics*; facilitator language in plain type)

Pre-Test Checklist

The test team sets up the lab and checks to verify the following:

- Computers and network are up and running*
- Microphone and 2 Web Cams are working*
- Morae is on and running*
 - Test recording made*
 - Observer station(s) tested*
- The ██████████ Study Bible is placed within the camera's field of view*

Participant Arrival

Facilitator will greet the tester, introduce them to folks in the observation room.

We have some other members of our team who are going to help out by watching and recording what we are doing in another room.

Introduction to Testing and Tasks

Please have a seat in front of the Bible and I'll tell you more about what we need your help with today.

The Bible in front of you is the ██████████ Catholic Study Bible and it was designed to be used with students in university, students like you. We are revising our own edition of the Bible and need to get feedback on how well a Bible such as this works from the people it's designed for...students like you. I want you to know that this isn't testing **you**. You are helping us to improve our own product with your feedback, so don't be concerned about giving us the "right" answer. There are no right or wrong answers.

We are going to ask you to do a few things—we call them tasks—that students might do to use this Bible.

I want to start by telling you what the hardest thing is for me about this. The hardest thing is that even though I am a very friendly person and love to help people, I can't help you do the tasks I'm going to ask you to do. This is because we want to see how these tasks are completed with just the instructions that I am going to give you. I can repeat the instructions but I cannot help you do the task.

Does this make sense?

Okay, so before we get started I want to talk about a few things that will help you understand how this will all work:

First, the Bible need to stay flat on the desk within the marked area. This is so that the camera can record how you use the textbook.

Second, I will read each task to you and then will give it to you written out on a piece of paper in case you need to refer back to it.

Third, once I've given you a task to perform, I want you to let me know when you've finished it. That's very important. YOU tell ME when you think you're done. Also, feel free to tell me if you get stuck and you don't think you can complete a task.

Fourth, you may hear a knock at the door, and when that happens it means we need to stop for some reason or maybe move on to a new task because we've learned all we need to about the one we're on.

Finally, I want you to talk out loud about what you're doing, thinking, seeing, etc. Don't worry about what you're saying; all of it is important to help us see how you use the Bible.

How We Record

Finally, we're going to use the web cam you see in front of you to record what you do and what you say. Just pretend it's not there and after a few minutes you probably won't even notice it.

Okay, do you have any questions for me? Does everything make sense?

Great. Let's get started with the first task.

First Task

Task 1: Turn to Psalm 1 in the [REDACTED] Catholic Study Bible.

Give the student the slip of paper with the task.

- *Remember, they need to tell you when they are done. If they get stuck----remind them: "Remember, I can't help you, but what are you trying to do?"*

Once they are done say:

Can you tell me where Psalm 1 begins?
How do you know that is where Psalm 1 begins?

- *Say, "Okay, let's do the next task."*

Task 2: From Psalms to Galatians 3:15.

Give the student the slip of paper with the task.

- *Remember, they need to tell you when they are done. If they get stuck----remind them: "Remember, I can't help you, but what are you trying to do?"*
- *Say, "Okay, let's do the next task."*

Task 3: Find the footnote for Romans 9:13.

Give the student the slip of paper with the task.

- *Remember, they need to tell you when they are done. If they get stuck----remind them: "Remember, I can't help you, but what are you trying to do?"*

Once they are done say:

- Please read the footnote that you found
- How did you know that was the right one?
- *Say, "Okay, let's do the next task."*

Task 4: Ask the student to find the scripture reference for Romans 9:13 and tell me what it is.

Give the student the slip of paper with the task.

Once they are done say:

- How did you know where to look for the scripture reference
- How did you know that was the correct one?
- *Say, "Okay, let's do the next task."*

Task 5: Find the Scripture Passage referenced above in Romans 9:13

Give the student the slip of paper with the task.

- *Remember, they need to tell you when they are done. If they get stuck----remind them: "Remember, I can't help you, but what are you trying to do?"*
- *Say, "Okay, let's do the next task."*

Task 6: Ask the student to find the map on Paul's travels.

Give the student the slip of paper with the task.

- *Remember, they need to tell you when they are done. If they get stuck----remind them:
"Remember, I can't help you, but what are you trying to do?"*
- *Say, "Okay, let's do the next task."*

Task 7: Find the [REDACTED] introduction to the Wisdom Books

Give the student the slip of paper with the task.

- *Remember, they need to tell you when they are done. If they get stuck----remind them:
"Remember, I can't help you, but what are you trying to do?"*
- *Say, "Okay, let's do the next task."*

Task 8: Find the Bishops Introduction to the Wisdom Books

Give the student the slip of paper with the task.

- *Remember, they need to tell you when they are done. If they get stuck----remind them:
"Remember, I can't help you, but what are you trying to do?"*
- *Say, "Okay, let's do the next task."*

Post-Test Survey & Interview

Once the participant finishes the final task we will move to the post-test SUS survey. The observer will push the survey through Morae.

Okay. We've finished all the tasks. Now I need you to fill out a quick survey that will pop up on the screen. The survey will ask you about the "system" you used. The "system" they are referring to is the Bible.

While you're doing that I'm going to see if there are any follow-up questions and then after that we'll be done.

You will then go next door to check and see if there are any follow-up questions.

Once this is done you will thank the participant.

Thank you for your feedback, we really appreciate it! Have a great day!

While the facilitator goes to bring the next student in, one observer will save the Morae recording and prepare Morae for another participant test.

[End of Script]

Written student Directions for Tasks

Task 1

Turn to Psalm 1 in the [REDACTED] Catholic Study Bible.

Task 2

From Psalms, go to Galatians 3:15.

Task 3

Find the footnote for Romans 9:13.

Task 4

Go to the scripture reference for Romans 9:13 and tell me what the Scripture reference is.

Task 5

Find the Scripture Passage referenced above in Romans 9:13

Task 6

Find the map on Paul's travels.

Task 7

Find the  introduction to the Wisdom Books

Task 8

Find the Bishops Introduction to the Wisdom Books