

U.S. Currency Education Program

# Comprehension and App Testing

Student #:

Grade:

Date:

# Comprehension Testing

## Welcome

Thank you so much for helping us! Today we are going to do some fun activities, learning about American history, and then, if you'd like, playing with a new iPad app.

Let's get started.

## Reading Comprehension

We are working on a new project that helps teach students about our country's history and the money we use. We will ask you to read about U.S. history and we'll learn about our national symbols, the three branches of government, and Abraham Lincoln.

Do you have any questions before we start?

## Pre-Activity Questions

Question	Notes
1. Have you learned about money in school?	
2. Have you learned about American history in school?	
3. Have you learned about Abraham Lincoln in school?	
4. Have you learned about the three branches of American government in school?	
5. Who is your favorite American hero?	

## Activity: Observations/notes

Problem words

Student questions

Are written numbers (ten) easier for the student than numerals (10)?

What is the student's reaction to the National Anthem playing while they read?

Which slide most interests the student?

General notes

## Post-Activity Questions

Question	Notes
1. Did you find it easy to read?  Which words did you find difficult?	
2. Which topic did you find most interesting? Why?	

# App Testing

## Welcome

Thank you so much for helping us! Today we are going to do some fun activities and play with a new iPad app.

We are working on a new iPad app. Students just like are helping us test the app before we release it to everyone. We want to learn from you, and hear your thoughts about the app. The app has special features using the camera, which you'll get to play with later.

**We're making sure everything works well in app.** There are no right or wrong answers. And I will be here helping when I can as we go through the activities.

First, I have a few questions for you. Then, you're going to get to complete some activities using the app. I will help you read and understand each instruction. **There may be things that are confusing!** That's OK. If you reach a point where you can't complete something and get frustrated, I'll let you know if it's OK to move on to the next one. When we're done with the activities, I'll have a few questions for you.

To help us understand what you're thinking, **please "think out loud,"** saying aloud what you're trying to do, what you're looking for and where you're looking for it. Let me know me if something seems confusing to you.

Do you have any questions before we start?

Let's begin.

## Pre-activity questions

Question	Notes
1. Have you used an iPad?  If so, do you have an iPad at home? At school?	
2. What sort of things have you used an iPad for?	
3. Do you use any websites, or what are your favorite games?	
4. Do you like learning by reading or listening? Why?	

## App Guided Activities

With this app, we'll be using the camera to learn about two different buildings

Talking point (optional): **I want to explain what "A-R" means.** "A" stands for "augment," which means to add. Augmented reality is a concept which adds a few things to our real world to make it better and interesting. The extra stuff added to the real world is the information from the internet and a lot 3-D animations.

### Onboarding - 1-2mins

Task/instruction	Tests	Observations/notes
1. Go ahead and select one of the buttons and we can get started.	Start screen	

### Discover AR - 5-10 minutes

Task/instruction	Tests	Observations/notes
1. This portion of the app involves the iPads camera.  We want to add some pictures on to this screen so we can play with them.  <b>First stand up, and point the iPad's camera at the floor and move it around.</b>	Device handling	
2. Where do you think you would find some pictures to add to this screen?	Menu placement, iconography	
3. Do you know what building this is? [Capitol] Great, we want to learn more about that building. Can you add that to the screen?	Menu interaction, AR placement	*Facilitator assists in placement if student has trouble*

<p>4. CAPITOL: Do you see the statue on the top of the building? What can you find out about it?</p>	<p>Hotspot interaction, hotspot modal</p>	<p>*Facilitator will read aloud if student needs help*</p>
<p>5. CAPITOL: Do you see the flag in the middle of the building? What can you find out about it?</p>	<p>Hotspot interaction, hotspot modal</p>	
<p>6. Can you select the White House picture to add to the screen?</p>	<p>Menu interaction, AR placement and removal</p>	
<p>7. WHITE HOUSE: Can you try and get a closer look at the image?</p>	<p>3-D object, AR features</p>	
<p>8. WHITE HOUSE: Select one of the boxes and tell me about it.</p>	<p>Hotspot interaction, hotspot modal</p>	
<p>9. Let's go ahead and tap on the "Explore security features" and see what is on that screen.</p>	<p>Navigation, button interaction</p>	
<p>10. Can you remove all the images that you see on the screen?</p>	<p>Menu interaction, 3-D object removal</p>	

## Explore Security Features - 5 minutes

Task/instruction	Tests	Observations/notes
1. Here is a picture of the capitol building.  What happens to the blue line in front of capital when you tilt the iPad?	Tilt functionality, device handling	
2. Can you zoom in and make the steps look bigger?	Menu/mode interaction	
3. Do you see a way to get back to where you were before this screen?	Wayfinding and navigation, app architecture	

### Post-Activity Questions (optional)

**Facilitator:** While we have you here, I want to ask you a few questions about what kinds of things you've learned about in school. Is that OK with you?

Question	Notes
1. Have you learned about money in school?	
2. Have you learned about American history in school?	
3. Who is your favorite American hero?	