**Material Development Template**

**1. Topic Information**

* **Title**: Web Security: The importance of HTTPS
* **Description**: A presentation going over what makes a website secure and why tools like HTTPS are important.

**2. Learning Objectives**

* **Primary Objectives**: Learn how to tell if a website is secure from a quick glance. Understand the importance of protected websites
* **Secondary Objectives**: Learn the difference between HTTP and HTTPS and how both work.

**3. Target Audience**

* **Age Group**: Teens/Adults
* **Skill Level**: Beginner
* **Specific Needs**: N/A

**4. Material Types and Formats**

* **Main Format**: Presentation
* **Supplementary Materials**: Worksheets
* **Accessibility Features**: N/A

**5. Instructor Guide**

* **Synopsis**: First a powerpoint presentation is given talking over the primary topics mentioned above. Then after that the presenter will hand out a worksheet meant to engage listeners to see how much they remember and can put to practice.
* **Key Points**: HTTPS and the ways to tell if a website is secure
* **FAQs**: **ANSWER LATER** How to tell if a website uses https if the search bar doesn't show it.

**6. Activities and Engagement Strategies**

* **Interactive Activities**: The worksheet is meant to have participants work together to spot some ways to tell a website is or isn’t secure
* **Engagement Tips**: Keep things snappy! The goal isn't to explain why ports matter for the differences in HTTP and HTTPS but it is meant to give quick rundowns on practical tools listeners can use in their life.

**7. Assessment**

* **Evaluation Method**: The worksheet will be the evaluation.
* **Success Criteria**: participants score **(INSERT EXACT SCORES)** on the worksheet

**8. Sources and References**

* **Primary Sources**: <https://www.fortinet.com/resources/cyberglossary/what-is-https>
* **Suggested Further Reading**: <https://www.cloudflare.com/learning/ssl/what-is-https/>

**9. Legal and Compliance Checks**

* **Copyright Compliance**: Ensuring all used materials are correctly licensed or credited. yes
* **Privacy Considerations**: Ensuring content complies with privacy laws, especially if the personal data of learners might be involved. yes

**10. Technology Requirements**

* **Needed Software or Hardware**: A computer that can run google slides
* **Technical Support Resources**: N/A

**11. Feedback Mechanism**

* **For Learners**: Back of the worksheet will be a speaker evaluation as well as a little questionnaire meant to have participants list how confident they feel in this material
* **For Instructors**: Take the scores from the worksheet and return them to see if scores from before the slideshow are the same as the ones from after.

**12. Review and Update Schedule**

* **Review Frequency**: monthly
* **Update Protocols**: Take criticism and adapt the slideshow to inform users about that information

**13. Delivery Modalities**

* **Online**: A Google form that takes the palace of the worksheet can be utilized so that people online can look at the slideshow and then take the quiz on the form and all performance data can be recorded.
* **In-Person**: Print off the worksheet so people can use the worksheet to help test what they learned
* **Hybrid**: The slideshow can be delivered in person but participants can take the worksheet on their device via a Google form.

Blooms taxonomy: <https://www.celt.iastate.edu/instructional-strategies/effective-teaching-practices/revised-blooms-taxonomy/>