**Lesson plan**

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| **Lesson Title (concept)** | Universal Design |
| **Instructor** | Emily Maharry |
| **Suggested grade level/course** | High School (9-12) |
| **Time suggested** | 45 minutes |
| **National Standards addressed:**   * State the entire objective, not just the number   **State and/or local standards addressed:**   * State the entire objective, not just the number | National Standard:  11.4.5 Apply building codes, universal guidelines, and regulations in space planning and furniture arrangement. |
| **Rationale for the lesson:**   * Where does it fit into the unit plan? * Why are you choosing this activity/strategies? * How will you plan for differentiation? | Universal design benefits everyone and I want students to realize the importance of incorporating these ideas into their floor plans. I am showing a video at the beginning of the class to help introduce universal design to students who may not be familiar with its concepts. I will then have the students explore their school to see features of universal design first hand. I want them to evaluate their own homes in order to relate the lesson to them as individuals. The pictures and blog will help with technology skills. I will allow students to evaluate any building of their choice if they are not comfortable displaying their own homes to the class. I will allow students to rent cameras in order to complete their blogs. If students do not have internet access, they can write their answers and create a blog at the beginning of the next class. |
| **Content objective:**   * What will students know and be able to do at the end of the lesson? * Is the information or concept new to the students? | -Discover how and why universal design is being implemented |
| **IAssessment:**   * How will you know students can do the above? | By the end of this lesson, the student should be able to effectively place rooms within a home on Homestyler. They should consider traffic patterns, housing zones, and universal design. |
| **Procedure/activities**  -Watch YouTube video to introduce Universal Design:  <http://www.youtube.com/watch?v=yINSxTduC6A>  -Discuss the importance of universal design and emphasize its benefits for everyone  -Allow students to explore their school to see what features are universally designed  -Students should bring a writing utensil and paper to note 2 features that utilize universal design and 5 things that could be updated  -Homework: Have students evaluate their homes or another building for universal design elements  -Students should document what they see by taking pictures on a camera phone or camera borrowed from the school  -Students should create a blog on [www.wordpress.com](http://www.wordpress.com) to display their pictures and record what they saw in their homes  -To create an account:  1. Go to [www.wordpress.com](http://www.wordpress.com) and press the get started button  2. Enter e-mail address, username, password and blog address in white boxes  3. Press create blog and get started  -Questions to answer on blog:  1. Did your home implement universal design features?  2. Why is it important to incorporate universal design into our homes?  3. Who benefits from universal design?  4. List and describe one feature in your home or building you analyzed that utilizes universal design.  5. List and describe one improvement that could be made to the home or building you analyzed. | |
| References and resources | <http://wordpress.com/>  <http://www.youtube.com/watch?v=yINSxTduC6A> |

Include attachments of any handouts, assessments, and/or powerpoints, etc.