CARROLL HIGH SCHOOL

Lesson Plan for Course entitled: NCCER Masonry 1 Program:MASONRY

Teacher:COBB

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| Week: Week 8  Estimated Duration: 5 class period…400 min  **Overview: This module introduces the trainee to the historic and current methods and procedures used in the masonry trade.**  *Alabama Course of Study:*  **CONTENT STANDARDS**  Learn about the origin and history of masonry, how brick and block are made as well as safety practices and requirements. | **CCRS:**  **ANCHOR STANDARD #1:** Students should be able to summarize text & back up what they say with specific details from the text.  **ANCHOR STANDARD #2:** Identify main ideas and paraphrase/summarize into language that students understand  **ANCHOR STANDARD #3:** Read a text and discuss ideas about the content of the text and why the events unfolded or why the individuals interacted  **ANCHOR STANDARD # 7:** Use information shown in videos, articles, charts, graphs, words and power points to evaluate information and relate it to current lesson  **ANCHOR STANDARD # 10:** Read and paraphrase complex texts with minimal assistance from the teacher. | **OBJECTIVE(S):**   1. *Discuss the history of masonry.* 2. *Describe modern masonry materials and methods.* 3. *Explain career ladders.* 4. *Describe skills,attitudes,and abilities needed to work as a mason.* 5. *State safety precautions.* 6. *Perform basic brick laying procedures.* 7. *Put on eye protection,respiratory protection and a safety harness.* 8. *Fuel and start a gas power tool.*   Background Preparation: None |
| **MATERIALS/TECHNOLOGY/RESOURCES**   |  |  |  | | --- | --- | --- | | \_x\_\_Textbook | \_\_\_Lab | \_\_\_ Video/TV | | \_\_\_Workbook | \_\_\_Posters | \_x\_\_Multi-Media | | \_\_\_Speaker | \_x\_\_ Material |  | | \_x\_\_Internet | \_x\_\_ Computer | | | **Activities and Learning Experiences**   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | |  | ***Monday*** | ***Tuesday*** | ***Wednesday*** | ***Thursday*** | ***Friday*** | | **Beginning** | Prepare concrete forms to pour | Students will mix cement and pour it in all the forms. | Students will mix cement and pour it in all the forms. | Students will mix cement and pour it in all the forms. | Students will take apart all the forms and grind off any rough edges. | | **Middle** | Oil the forms | Students will mix cement and pour it in all the forms. | Students will mix cement and pour it in all the forms. | Students will mix cement and pour it in all the forms. | Students will take apart all the forms and grind off any rough edges. | | **End** | Set all forms up on plywood | Students will use concrete vibrator to get all air bubbles out of the cement. | Students will use concrete vibrator to get all air bubbles out of the cement | Students will use concrete vibrator to get all air bubbles out of the cement | Students will take apart all the forms and grind off any rough edges. | | |
| **ESSENTIAL QUESTION(S):**  How has masonry changed over time? |  | |
| **VARIED ASSESSMENT(S)**   |  |  |  | | --- | --- | --- | | \_\_\_Homework | \_x\_\_Feedback  discussion | \_x\_\_ Class  Work | | \_x\_\_Teacher  Observation | \_\_\_\_ Test | \_\_\_Performance | |  | |

**Provisions for Individual Differences (Remediation/Accommodation):** The teacher will assist each student individually according to the student’s IEP. A complete CTIP is on file for each student with special needs. One-on-One Instruction is provided as needed for clarification and/or remediation.

**Codes**: **R**=Reading **W**=Writing **C**=Communication **SS**=Social Studies **M**=Math Skills **S**=Science **IR**=Interpersonal Relations Skills **CL**=Computer Literacy Skills **DM**=Decision Making **PS**=Problem Solving **CT**=Critical Thinking **IL**=Integration of Leadership **LD**=Learning Disorder **ES**=Employability Skills **MS**=Management Skills **WA**=Work Attitudes **TW**=Teamwork **L**=Listening