



Learning Expedition Overview

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| Expedition Title: Carpentry- 'Kaath Kriti' | Discipline and Specific Topic: English/Hind/French (Descriptive Writing Reading/ Comprehension), Math (Measurement, Angles, Calculations), Science (Measurement, Observation), Social Sciences (Evolution of tools, Case Studies of Carpenters), Art (Making designs of the product, Sketching/Drawing of tools) |
| Grade level: 7 | Timeframe: 8 weeks |
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Learning Expedition Summary

Grade 7A, B, C has set out to explore the world of craftsmanship through their next expedition on Carpentry- 'Kaath Kriti'. This expedition has the element of curiosity and creative anxiety at every step. Along with skill building the students will be involved in investigating the history of carpentry tools and creating new designs thereby integrating different subjects to practical real life experience.

Big Ideas

Craftsmanship brings peace, sensitivity, self-confidence and self -sustenance that changes the way we look at the world.

Guiding Questions

1. What does craftsmanship in work mean to me?
2. What are the varied tools used in carpentry and for what purpose?
3. What are the steps involved in making a piece of furniture?

Case Study/Studies

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| <p>1. Case Study Title</p> <p>Women in Carpentry</p> | <p>Big Ideas/ Broader Concepts</p> <ul style="list-style-type: none"> • Carpentry is not a gender specific profession • Carpentry is pursued as a profession by people who are qualified in other streams and fields |
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Learning Targets to be addressed in the Expedition

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| Science and Technology | <ul style="list-style-type: none"> ● I can accurately measure the dimensions of an object I am making. |
| Social Studies | <ul style="list-style-type: none"> ● I can represent the history of a tool on a time line giving the purpose for which it is used. |
| Language | <ul style="list-style-type: none"> ● I can read the given samples or case-studies and identify the strong verbs used in it. ● I can describe a tool using strong verbs and adjectives in 100-150 words. ● I can name a few pieces of furniture used at home in French. |
| Math | <ul style="list-style-type: none"> ● I can measure the length and breadth of a given board to make the object. |
| Skills | <ul style="list-style-type: none"> ● Designing the product ● Estimation and Measurement ● Working in Small Groups ● Respecting resources(I can use material and tools mindfully (thoughtful, gentle, care and heedful) ● Organizing the workstation ● Using the tools with precision |

Projects

| Project title | Project summary | Final product/ performance and audience |
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| <p>Project 1</p> <p>‘Jod-Tod’- Craft in the Carpentry lab</p> | <p>The students learn the names of the tools and discover their function. Skill building will take place in the carpentry lab where children work with the tools on used wood and create new designs with them. After seeing the samples for the final product the students will design their product and work in the lab with the help of an expert. They will create one product in a group of three.</p> | <ol style="list-style-type: none"> 1. The students will create a Bed-table top, ‘Chauki’ for the resource room. 2. ‘Aatma Katha’ of the end product as Hindi resource for grade 7 next year. |

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| <p>Project 2</p> <p>'Talking Tools'</p> | <p>The students will select a tool of their choice to research on its history. The evolution of the tool will be depicted on a time line. After attending the writing workshop, they will construct a descriptive write up of the tool which will have multiple drafts to it. Each draft will be worked upon after a session of critiquing (a skill they have learnt during the last expedition) They will also work at multiple drafts of the sketch of the tool simultaneously.</p> | <p>1. A detailed write up of any one carpentry tool including its evolution on a time line.</p> <p>2. Sketch of the tool</p> <p>Both products will be displayed in the Carpentry lab.</p> |
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| Connections to the Community and the Larger World | |
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| Fieldwork | |
| Experts | Dharambeer Sir, Naseem Sir |
| Service learning | <ul style="list-style-type: none"> ● Making and donating Writing desks for the MP Resource Room ● Inclusion of a local carpenter (Naseem Sir) in the school set up |
| Expedition kick-off | <ol style="list-style-type: none"> 1. A Gallery walk on Carpentry- stories, case studies, readings, name and picture of tools, poems will be displayed in the Carpentry lab for students to observe. 2. Video on the skill of carpentry. 3. Demo of tools by the expert. |
| Expedition culmination | <ol style="list-style-type: none"> 1. Crew wise display of their final product 2. Display of each child's work on Talking Tools- sketch and write up. 3. A ceremony of giving away their products to the MP Resource room. <p>The audience will be whole MP-teachers and students of Grade 7 D,E,F</p> |