

Lesson Plan - 1
Computer Science
More Fun with Tux Paint
Topic-Text Tool, Magic Tool

Class:		Period:		Mode:	Classroom/Lab
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Teacher: _____

Learning Support Assistant: _____

S.M.A.R.T. Learning Objectives

By the end of this session, students will be able to:

1. Use text tool in Tux Paint.
- 2) Use at least 10 effects from the magic tool in Tux.

Resources

- video https://youtu.be/EDFEIBsC_a8(4.48)
- video <https://youtu.be/q9vTclfevTU> (3.09)

Session Conduction

Engage: Give a recap of previously taught Tux Paint tools (paint tool, line tool, shape tool). You can also play the video https://youtu.be/EDFEIBsC_a8. This video shows how to use basic tools in Tux Paint. Or you can quiz them with questions like what is Tux paint used for? Why do we use the shape tool? This will help in revising the topics covered in the lower classes.

After the recap, ask why do we need art. A book with only text and a book with both text and drawing which one they will prefer. If they have to wish someone happy birthday, would they like to give a greeting card to them? When they create a birthday invitation card a plain text invitation or an invitation with some graphics which one will look better

Concept introduction: Now ask would they like to make a greeting card or birthday invitation card in Tux Paint. So, to make such things we need to know the advanced tools in Tux. Then tell about text and magic tools.

- On selecting the text tool, a blinking cursor will appear with a box where you can insert the text as per your wish. You can write in bold or italic and in different sizes and fonts.
- Next show how to use magic tools to add patterns or special effects to your drawings. It is one of the interesting tools in Tux for enhancing your drawing. You can add railway tracks, grass, rainbows, raindrops, ripples, snowflakes, snowflakes, and everything that you need for creating a story.

Concept Demo/Explanation: Use the steps given in the book for showing how to use the text tool. Use the letter pane to select different styles for your text.

Select the magic tool and choose the effect you want from the selector pane. Use left and right arrows to get more options. You can add effects like dripping paint, mosaic, fisheye. You can turn your canvas into a chalk drawing. You can also draw with 2 brushes appearing symmetrically in the left and right direction or up and down direction.

Let the student explore. Every time they hover their mouse on any effect a piece of information will appear in the help area which will tell them what that effect does.

Concept Practice: You can ask students to write their names in different sizes and in bold and italic styles. Ask them to play around with the magic tool.

Optional Activity: Play the video <https://youtu.be/q9vTclfevTU> (till 1.25).

Home Assignments

Revise the topic covered.

Guided Assignments

Students can visit <https://tuxpaint.org/docs/> and <https://tuxpaint.org/videos/> and discuss their findings with teachers.

Evaluation

After completing the lesson solve the exercises given in the book.

Lesson Plan - 2
Computer Science
More Fun with Tux Paint
Topic- Stamp Tool

Class:		Period:		Mode:	Classroom/Lab
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Teacher: _____

Learning Support Assistant: _____

S.M.A.R.T. Learning Objectives

By the end of this session, students will be able to:

1. Use at least 10 stamps in their pictures.
2. Use redo, undo, open buttons.
3. Print their drawings.
4. Create a slideshow.

Resources

- video <https://youtu.be/q9vTclfevTU> (1.26 to 3.09)

Session Conduction

Engage: Recap the previous lesson.

Concept introduction: After the recap, start your lesson with the stamp tool. Using the stamp tool some interesting stickers can be added. The Stamp tool is like a rubber stamp or sticker. It lets you paste pre-drawn or photographic images (like a picture of a horse, or a tree, or the moon) in your picture. Different stamps can have different sound effects which make it interesting for young children. As you move the mouse around outline follows the mouse, showing where the stamp will be placed You can shrink, expand, flip horizontally vertically, and create a mirror image. You will find different types of vehicles, fruits, animals, the food we eat, electronic devices, and many more in the selector pane of the stamp tool.

One more interesting thing to do in Tux Paint is to use the slide show button present with the Open tool on the toolbar. You can create a slide show or storyboard. Describe a storyboard as a set of drawings that are used to tell a story. To create a storyboard, you first need to make different drawings for the story and then arrange them in a proper sequence so that they depict a meaningful story.

Concept Demo/Explanation: The default Tux Paint comes with selective stickers in stamp tools so to add a variety of stickers you have to install the plugin. Visit <https://tuxpaint.org/download/windows/> for more information.

Use the steps given in the book for showing how to use redo, undo, open, erase, slide, back, and print buttons. Guide them while using the print button.

Concept Practice: Let students create a drawing using paint, stamp, and magic tool. Let them make a slideshow of the images they have created.

Optional Activity: You can ask students to draw a scene of a zoo, picnic in a park, and traffic on the road.

Home Assignments

Revise the topic covered.

Guided Assignments

Students can visit <https://tuxpaint.org/docs/> and <https://tuxpaint.org/videos/> and discuss their findings with teachers.

Evaluation

After completing the lesson solve the exercises given in the book.