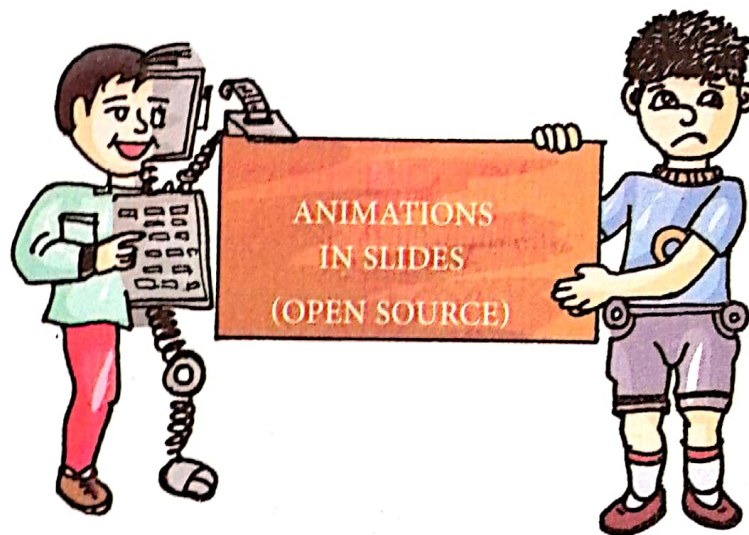


Animations in Slides (Open Source)

Learning Objectives :

After the completion of this chapter learners will be able to:

- ☐ appreciate Animation – Custom Animation Effects,
- ☐ use and apply animation effects proficiently,
- ☐ use slide advance options.



Tobo and Dobo went to see Jungle Book, a 3D Animated Movie, with their classmates. They were thrilled by the special effects used in the movie.

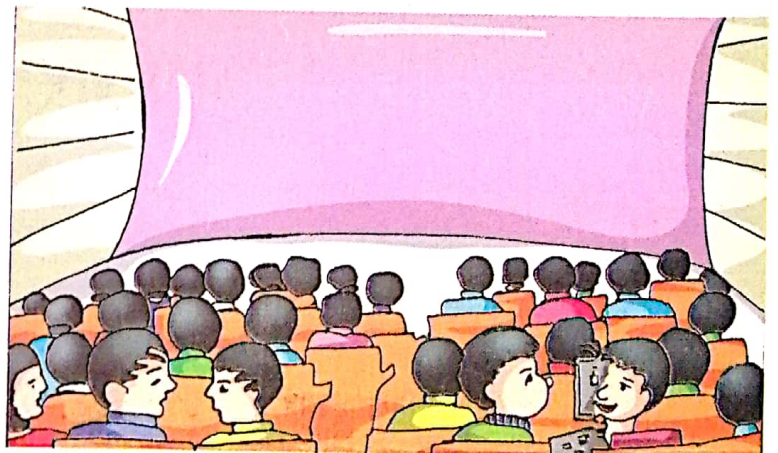
Tobo: Wonderful movie! The animation effects in the movie were simply great.

Dobo: I wonder, if we can add such effects in our presentation.

Teacher: Yes, you can add effects to your Impress presentation.

Dobo: Really! Please guide us.

Teacher: Let's learn Animation today.

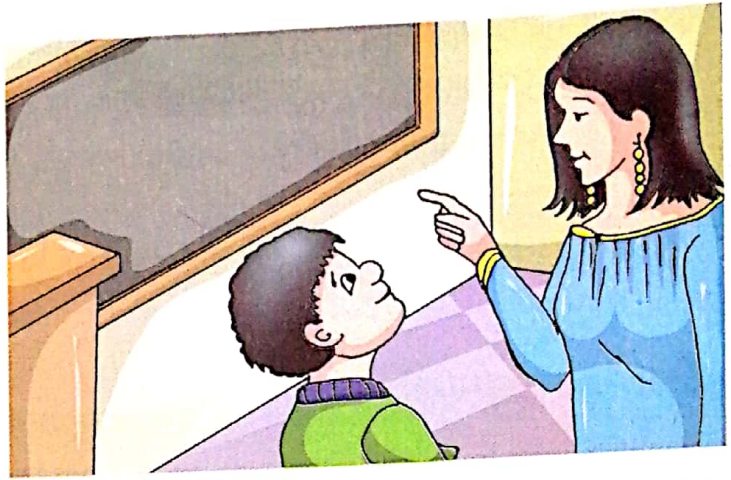


We can make our slides more exciting by applying some special effects to the texts objects used in the slides. This can be done by using custom animation. In other words, through 'Custom Animation', we can control the way by which individual items should appear on the screen.

Tobo: Is it similar to Slide Transition?

Teacher: Slide animations are similar to transitions, but animations are applied to individual elements on a single slide such as a title, chart, shape, or individual bullet point. Animations can make presentations more lively and memorable.

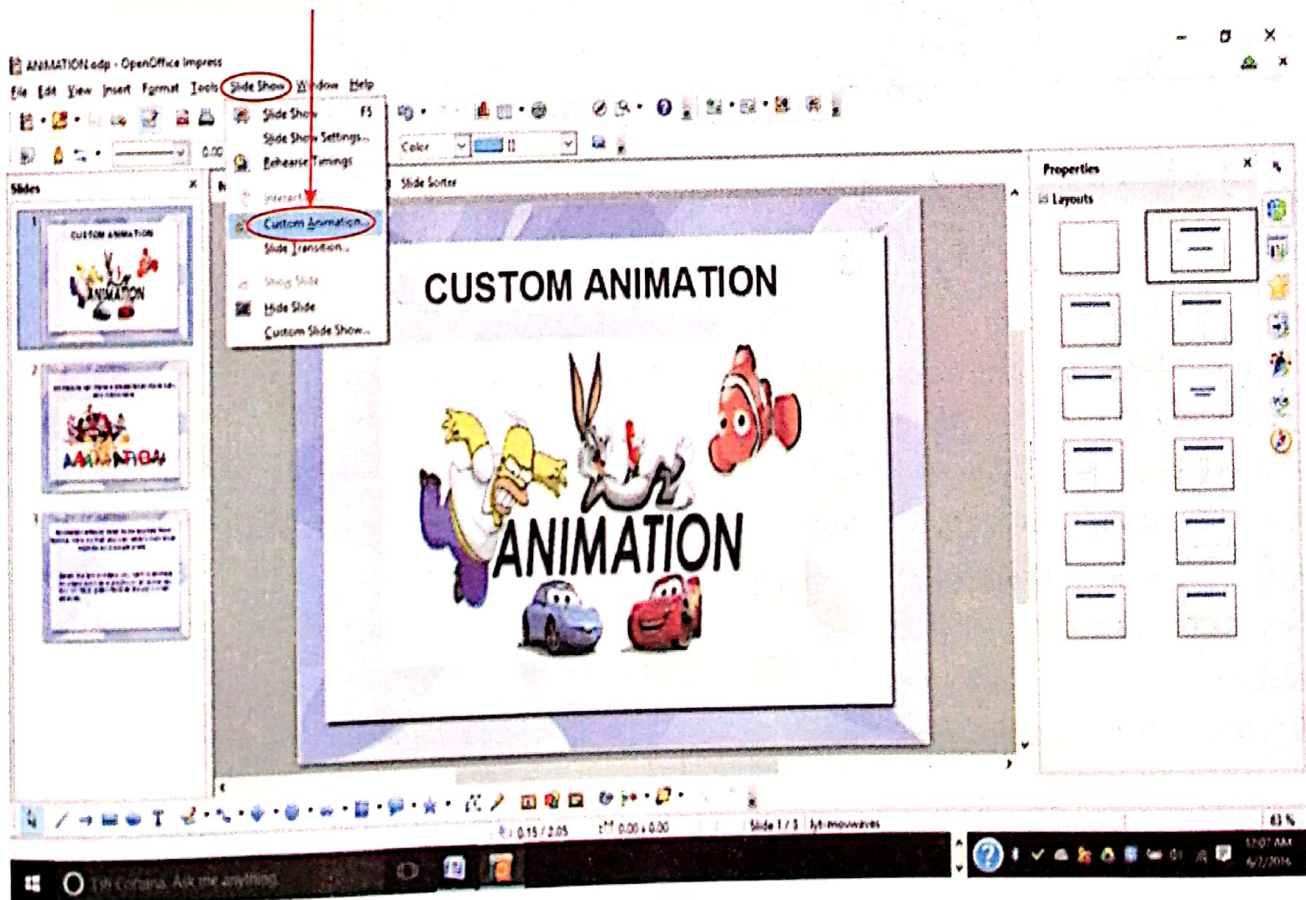
We should always *open and view the presentation in Normal View mode in order to apply animation* effects as this view allows us to select individual objects on a single slide.



USING SLIDE ANIMATION EFFECTS

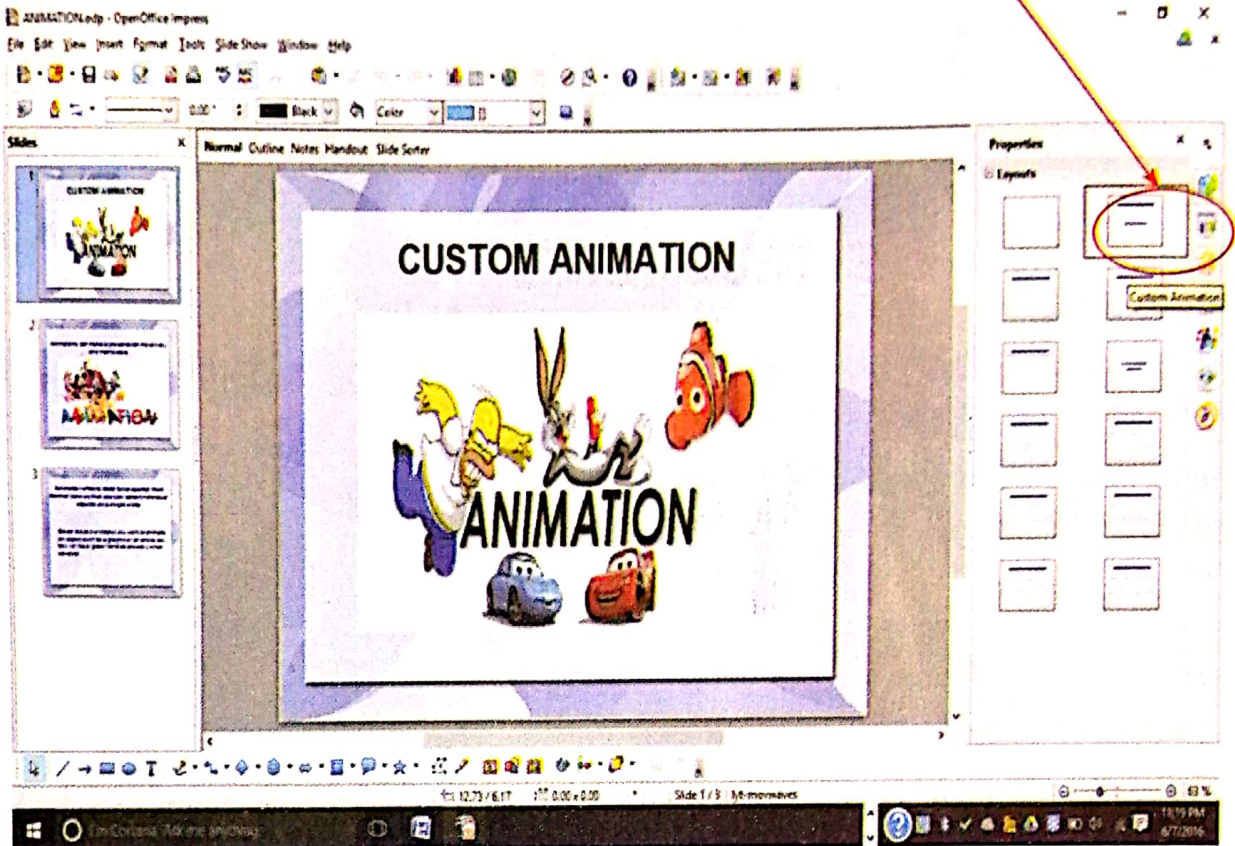
Following steps should be used to apply slide animation effects:

STEP 1: Click on 'Slide Show' menu item -> click on Custom Animation.

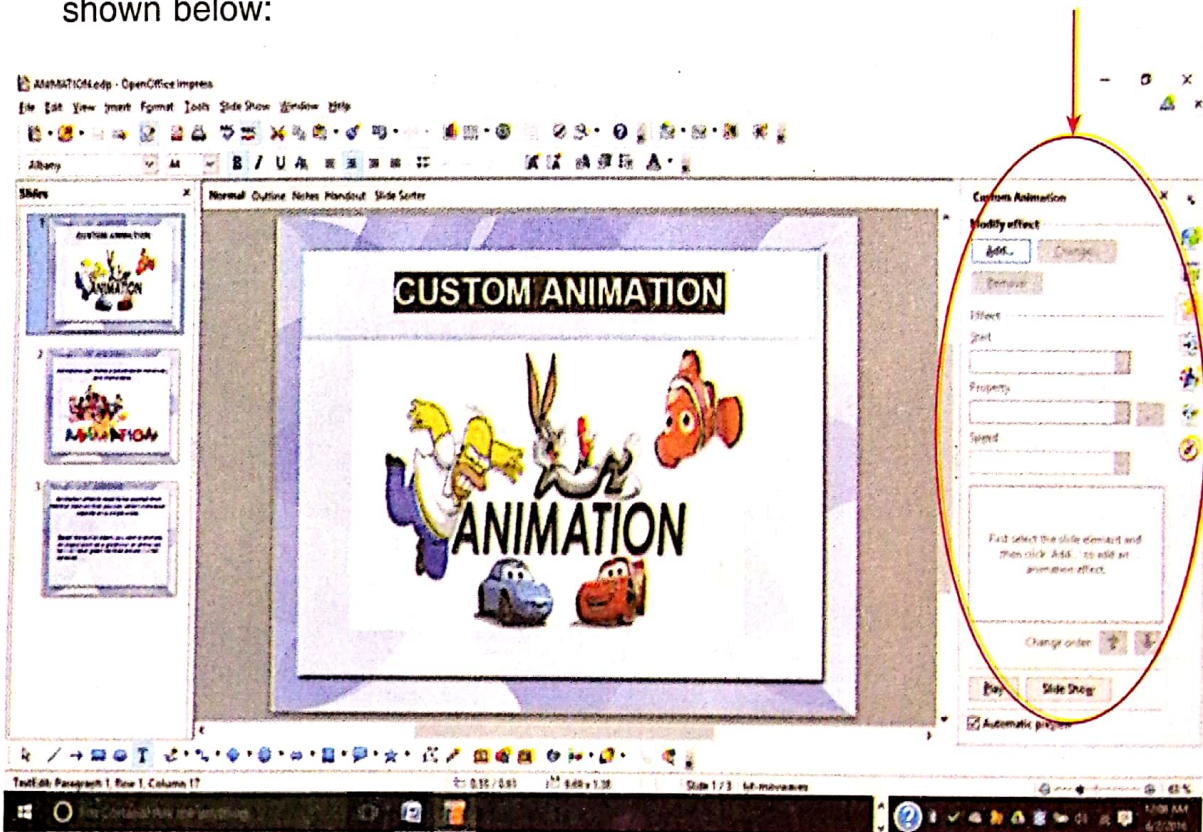


OR

On the task pane present at the right side of the window, click on the **Custom Animation** option.

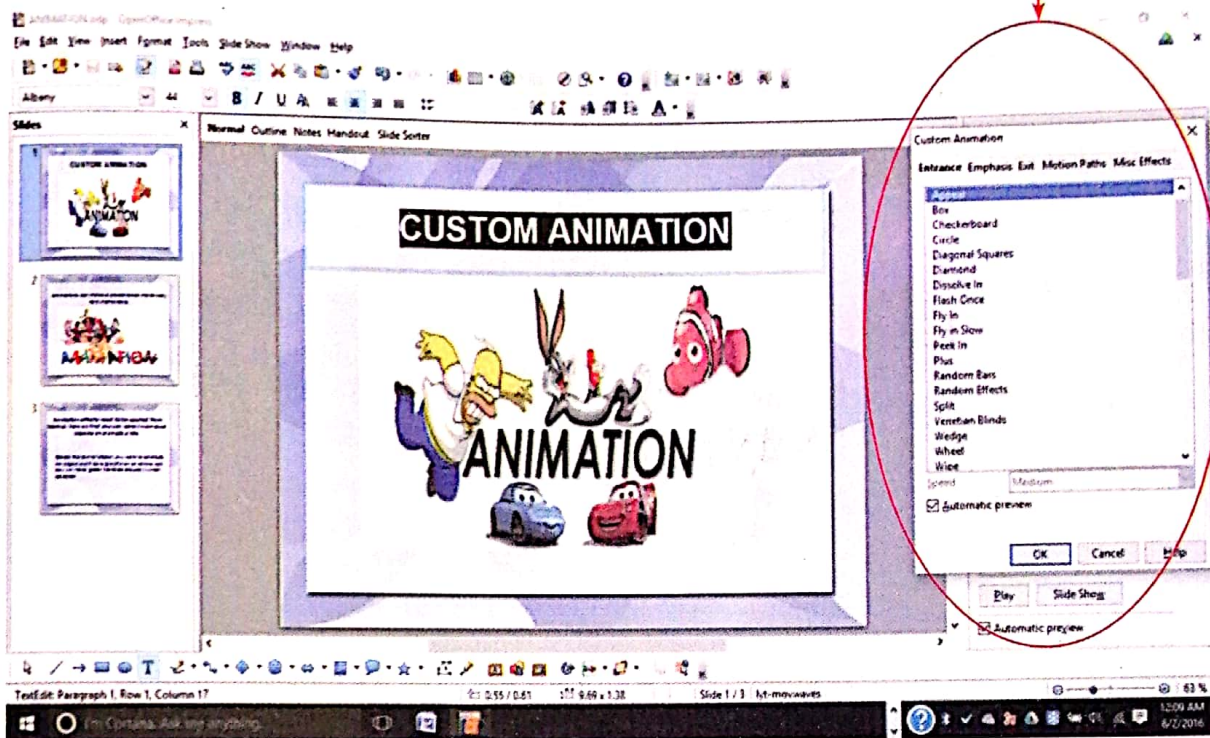


Custom animation panel will be expanded at the right hand side of the window, as shown below:

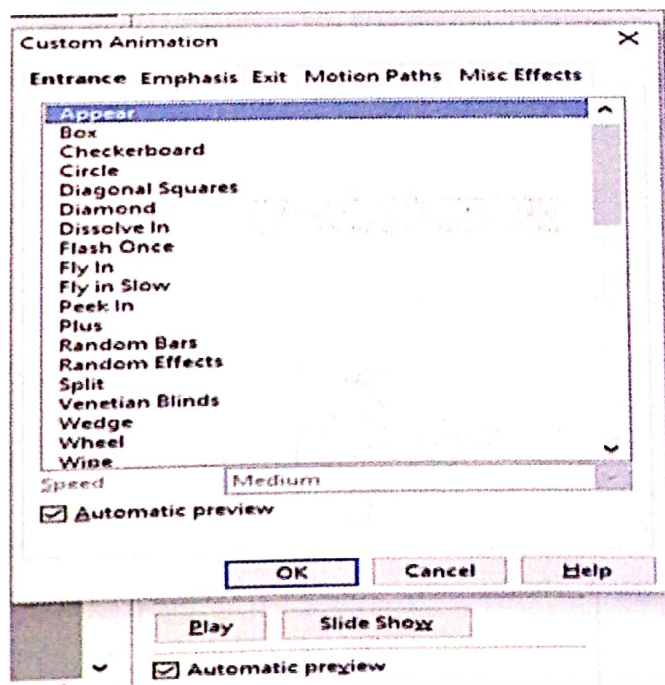


STEP 2: Select the object (text, picture etc.) from the slide on which we want to apply custom animation, now from the '**Modify effect**' section, click on **Add button**.

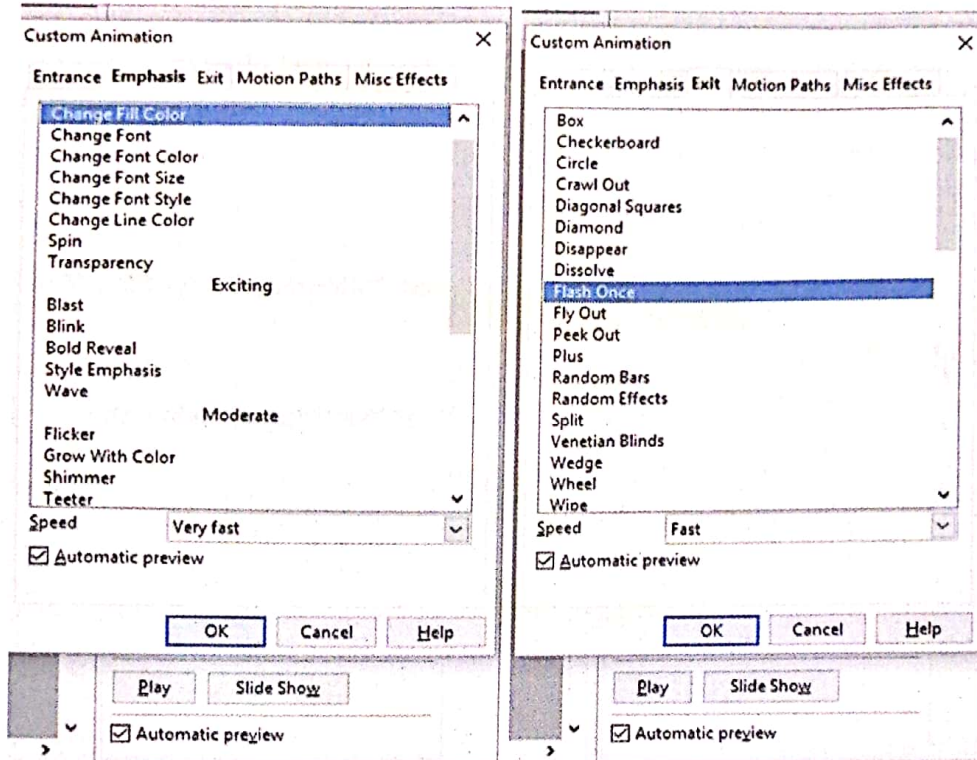
'Custom Animation' dialog box will appear as shown below:



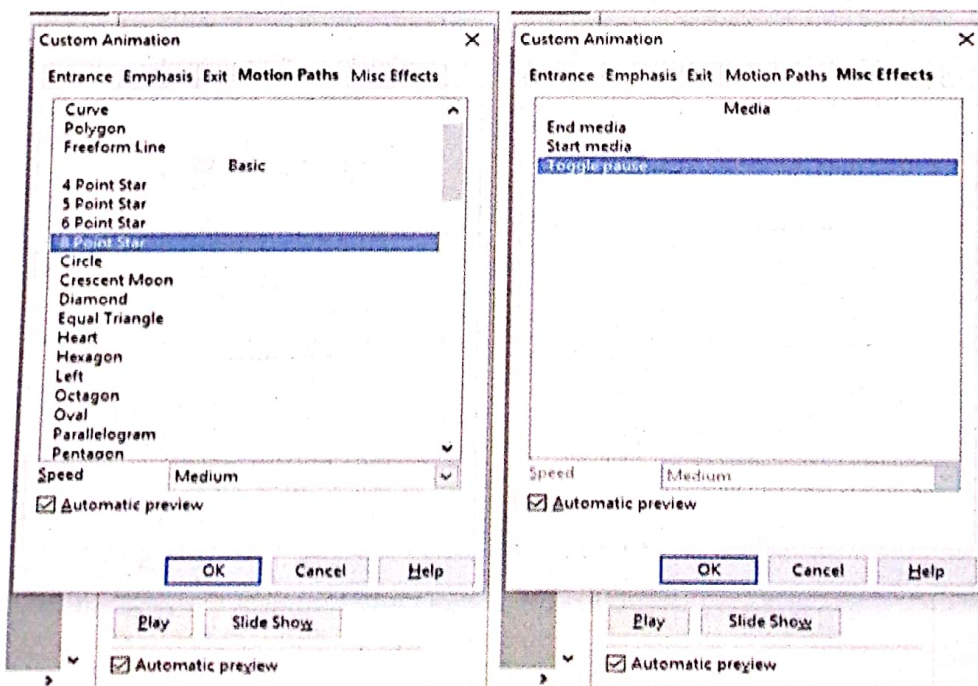
STEP 3: In 'Custom Animation' dialog box, five tabs will be displayed with the title '**Entrance**', '**Emphasis**', '**Exit**', '**Motion Paths**' and '**Misc Effects**'. By default '**Entrance**' tab is activated.



Apart from 'Entrance' tab, we can choose 'Emphasis', 'Exit' and 'Motion Paths' tabs as well to get some more effects.



Through 'Motion Paths' tab, we can set various types of motion to the object like 'Freeform Line', 'Circle', 'Diamond' etc.



Various animation effects in each tab are categorised under following sections:

- Basic • Exciting • Moderate • Special



STEP 4: Select any effect and the preview of that effects will be displayed immediately.

Note: "Automatic preview" is checked by default.

☒ Automatic preview

Navigate through all the effects and after choosing the desired effects click on 'OK' button.

Follow steps 2-4 for all the objects which we want to animate.

ACTIVITY :



Divide the class in 5 groups, where each group will represent one of the five tabs 'Entrance', 'Emphasis', 'Exit', 'Motion Paths' and ' Misc Effects'.

Each group will identify the different effects available under different tabs Prepare a presentation on it to explain it to the class.

TAB: _____

NAME OF THE SECTION	EFFECTS



Hands On

Open the presentation on stone age and try all the Animation effects available under all the five tabs.

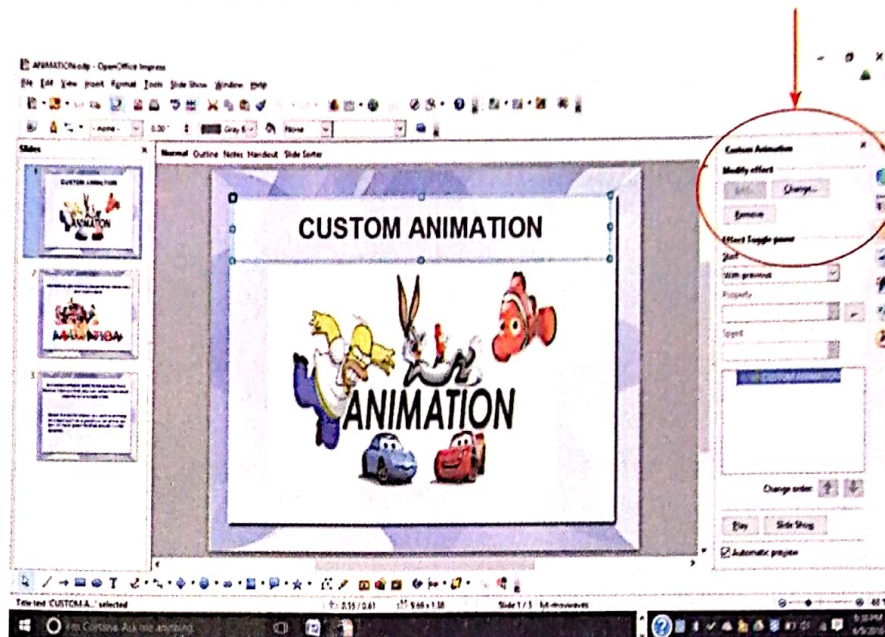
After working with the different Animation effects, note down any one similarity and one difference between Custom Animation and Slide Transition (learnt in the previous chapter).

	CUSTOM ANIMATION	SLIDE TRANSITION
SIMILARITY		
DIFFERENCE		



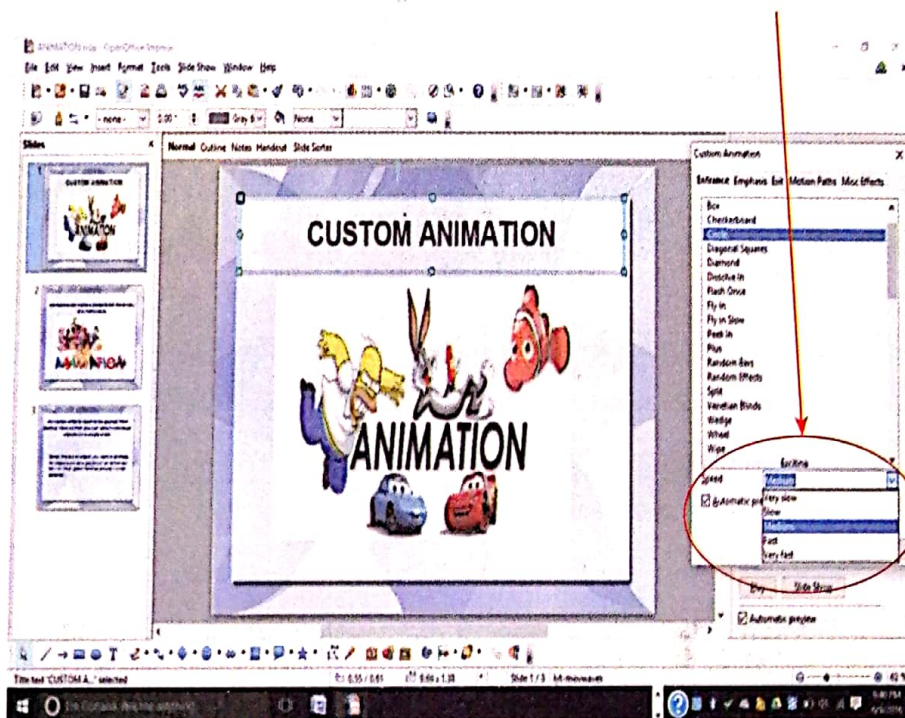
TO CHANGE OR REMOVE THE EFFECT

If we wish to Change or Remove the effect applied earlier, then we can do so by clicking on 'Change' or 'Remove' button available under 'Modify Effect' section.



TO CHANGE THE SPEED OF ANIMATION

We can change the speed of animation too by selecting various options (like 'Very slow', 'Slow', 'Medium', 'Fast', 'Very fast') available under 'Speed' section at the bottom of 'Custom Animation' dialog box, as shown below:



Teacher: Let's explore 'Custom Animation' dialog box a little more; this offers many other useful options as well.

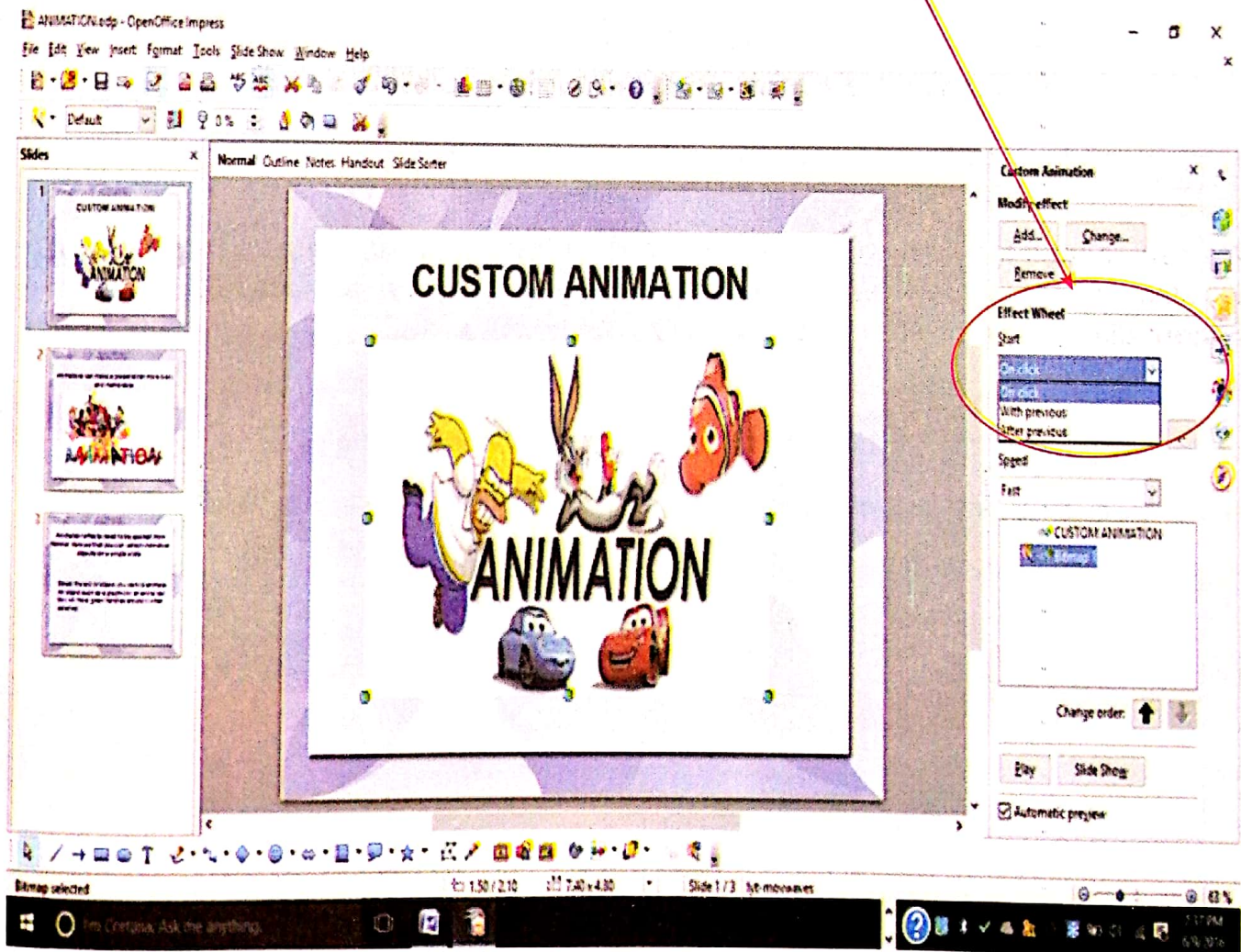
STARTING OPTIONS

With each effect, we can choose different starting options too by clicking on '**Start**' drop down menu.

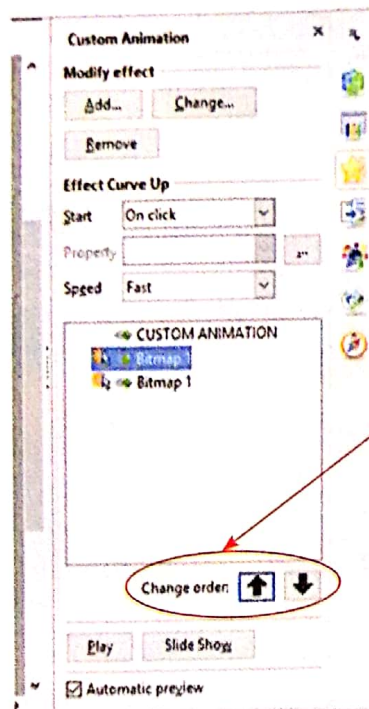
We have following three starting options:

- ◆ **On click** - animation will appear only on clicking the mouse.
- ◆ **With previous** - animation will appear along with previous animation only on clicking the mouse.
- ◆ **After previous** - animation will appear after previous effects.

Click here to select the starting option.



To change the order of animation -



Click here to change the order of Animation

Use the Up and Down arrow button to Change the order of Animation.

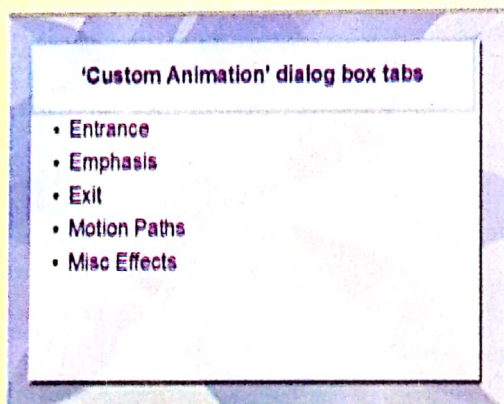


Hands On

Using Multiple Animation Effects

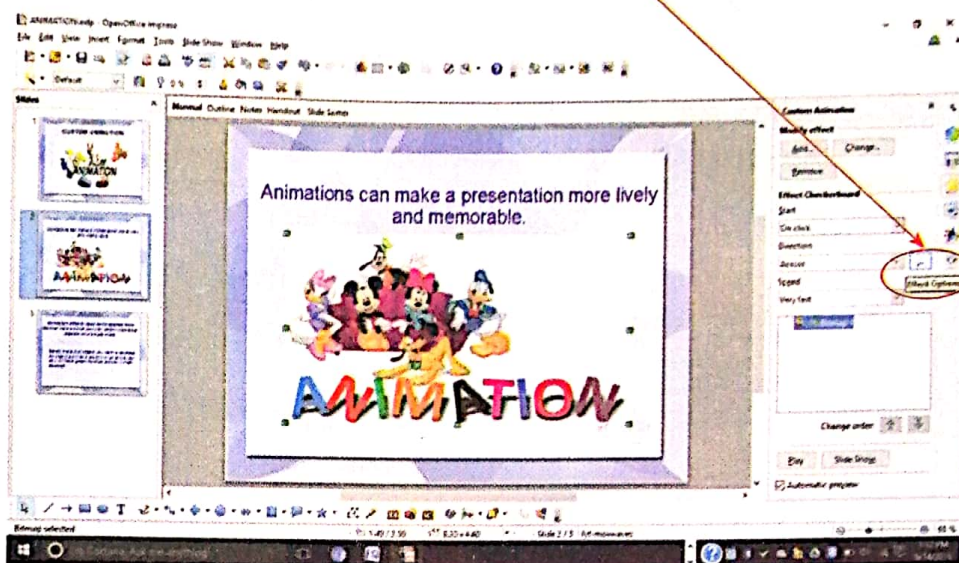
Create or design a slide and add animation effects to it as detailed below:

- ◆ list of items to 'fly in' one at a time from the bottom of the slide.
- ◆ as each new item appears, the previous items should change to a different colour.



ADVANCED ANIMATION EFFECTS

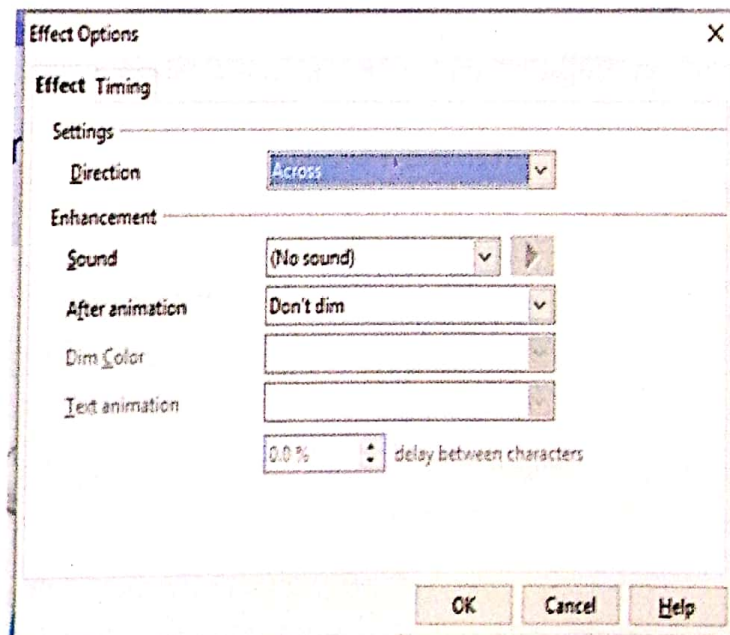
Click the **Effect Options** button [...] next to the Properties drop-down list to display the Effect Options dialog box.



What we see on the Effect Options dialog box depends on the selected animation object. The settings section on the Effect page also varies accordingly.

The Effect Options dialog box has two tabs:

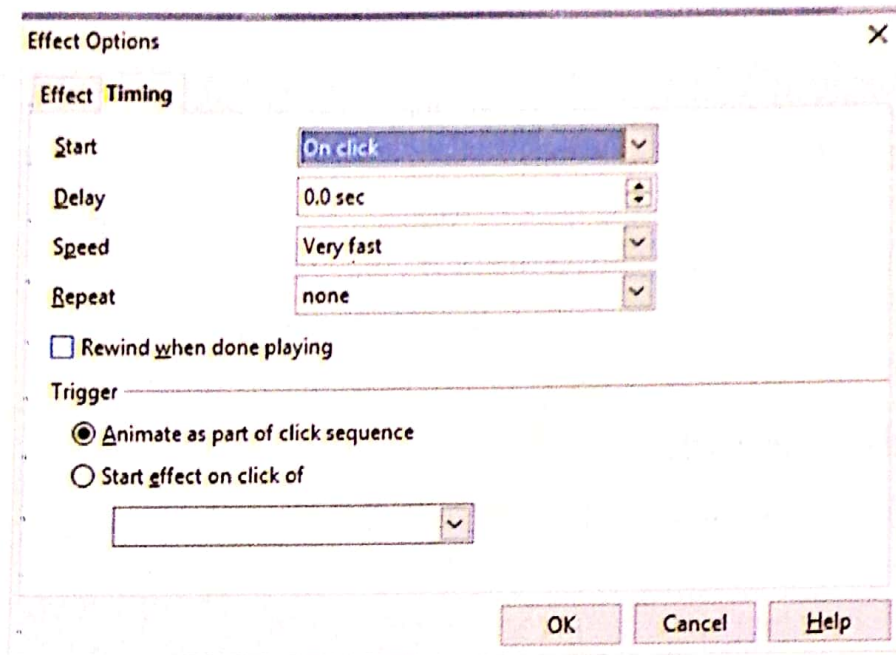
Effect Tab



Using this tab we can **choose the direction, a sound to play, whether to dim or hide the object after animation, and (in the case of text objects) whether to animate the text all at once or word-by-word or letter-by-letter.**



Timing Tab



Effect Options

Effect Timing

Start: On click

Delay: 0.0 sec

Speed: Very fast

Repeat: none

☐ Rewind when done playing

Trigger

☒ Animate as part of click sequence

☐ Start effect on click of

OK Cancel Help

Using this we can set the starting option, Time delay, Speed and No. of times we want the animation to be repeated as per our choice.



Hands On

On any of the presentation prepared earlier add all the options available under “Effect and Timing Tabs” of Effect Options.

Use Play and Slide Show Buttons to see the animation effects and note down any two differences between them:

Play Button	Slide Show Button

CONTROLLING THE SLIDE MOVEMENT

Through this feature, we can apply some exceptional effects which come into effect during slide navigation, during a slide show, to make presentation interesting and eye catching.



We can also control the slide movement during slide show by specifying how the next slide may appear during the slide show.

The next slide can appear in two ways:

(1) **On Mouse Click:** Each slide which has this effect applied to it will appear only by clicking the mouse in the Slide Show,

(2) **Automatically After (time):** Each slide which has this effect applied to it will appear automatically after the set duration (time) in the Slide Show.

Click on 'Slide Show' menu item → Click on Slide Transition:

Advance slide

☒ On mouse click

☐ Automatically after

1 sec



Hands On

1. Open any Presentation prepared earlier in which we have added Slide Transition and various Custom Animation effects to make the presentation more lively and impressive.

2. Divide the class into two groups.

One group will control the slide Movement by applying slide advance on mouse click.

Other group will control the slide Movement by applying slide advance automatically after specified time.

Both the groups will present their presentation in front of the Class.

Note down any three differences between the two methods:

On mouse click	Automatically after specified time



ACTIVITY :



Compare Open Office Writer learnt in the previous class with Open Office Impress.

Can we add animation effects in Open Office Writer, Yes or No?

If Yes, list the steps of Writer to add such effects.

If No, Why?

Write your answer in the space provided.

Assessment Activity

Create a presentation choosing any one of the topic from the list of topics given below:

- (a) Photosynthesis
- (b) Green plants as air purifier
- (c) Pollution
- (d) Deforestation
- (e) Effect of climate change

Add custom and slide animation effects on all the slides.

Instructions: you can consult your science or social science teacher and take their guidance)

