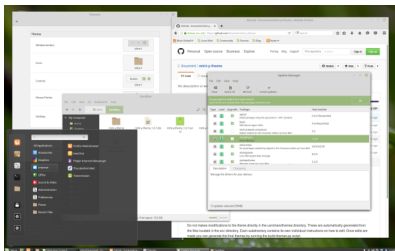
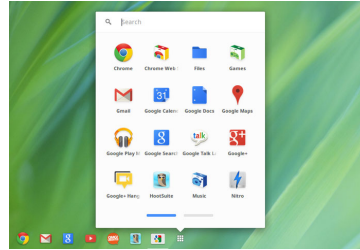
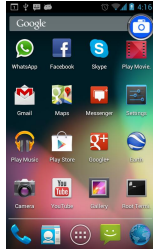


## Activity 4: What is an OS?

According to Google, an operating system is “the software that supports a computer’s basic functions, such as scheduling tasks, executing applications, and controlling peripherals.”

## Model 1 Screenshots

*Write the name of the operating system under each screenshot:*



### Questions (10 min)

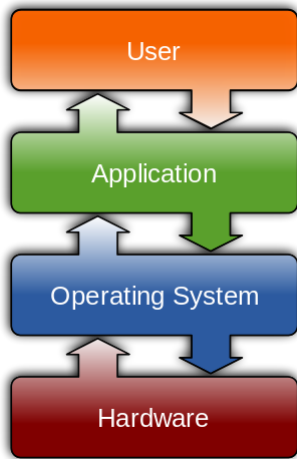
**Start time:** \_\_\_\_\_

1. What do these operating systems have in common? Describe at least three similarities.
2. How are these operating systems different? Describe at least three major differences.

3. Based on your experience as a computer user, what does an operating system do?

## Model 2 Interactions

*To the right of each box, list several examples of what the word means in the context of the diagram:*



### Questions (10 min)

Start time: \_\_\_\_\_

4. Consider a smartphone or tablet. Describe how users interact with applications.
5. With respect to hardware interactions, what does the operating system need to do?

6. Why do applications need to go through the operating system to access hardware?