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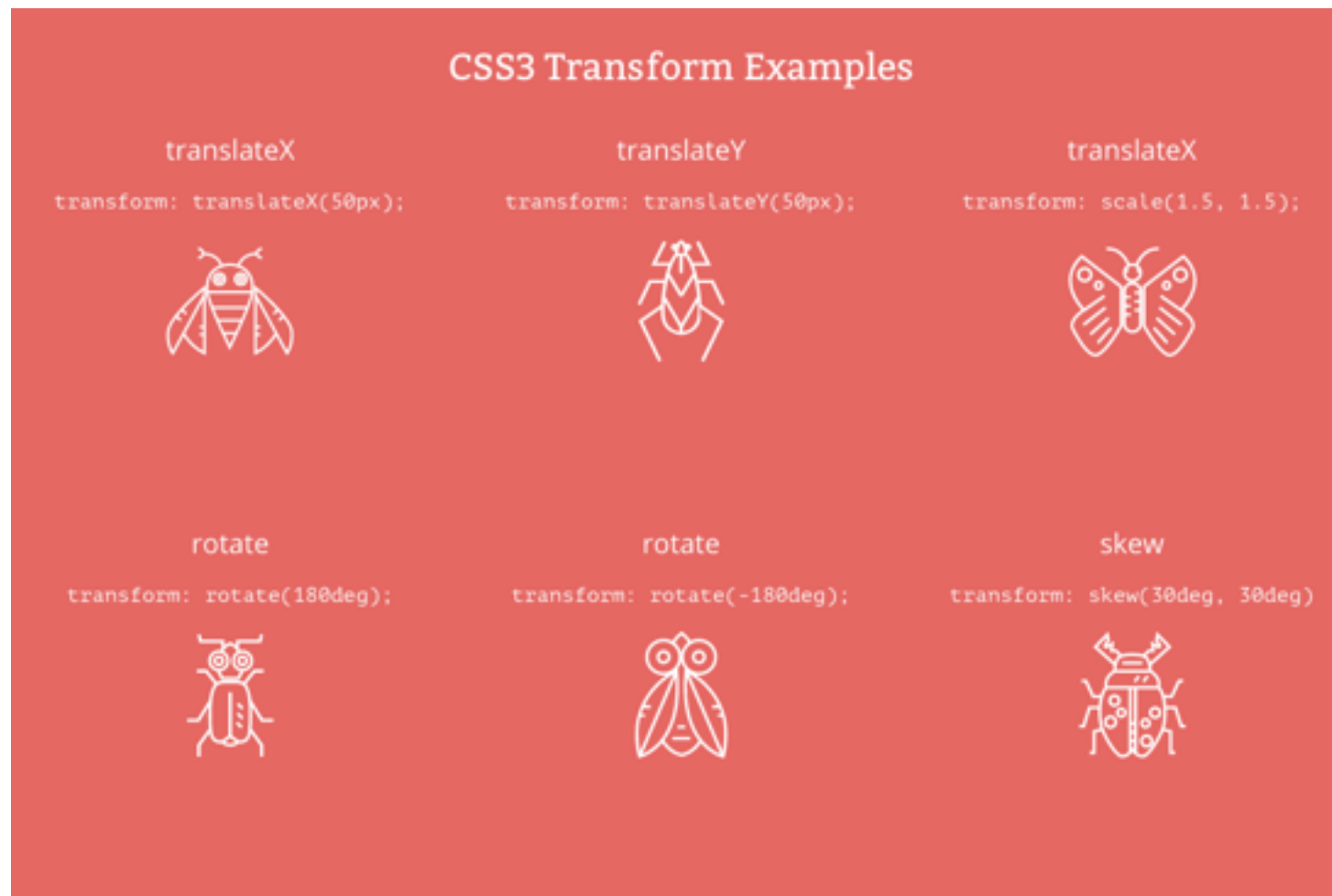
**ANIMATION**

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# TRANSITIONS Animations

&

## LET'S TAKE A CLOSER LOOK — TRANSITIONS



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## TRANSITIONS

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- Provide a way to control animation speed when changing properties
- Instead of having property changes take effect immediately, you can have them take place over a period of time.

```
.example {  
  transition: [transition-property] [transition-duration] [transition-timing-function] [transition-delay];  
}
```

# TRANSITIONS

**DELAY**

- ▶ Length of time before the transition starts

```
div {  
  transition: background-color 0.5s ease 2s;  
}
```

```
.example {  
  transition: [transition-property] [transition-duration] [timing-function] [transition-delay];  
}
```

---

**ANIMATION**

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# TRIGGERING TRANSITIONS

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## TRIGGERING TRANSITIONS

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There are two ways to trigger CSS transitions:

1. Using the :hover CSS pseudo-class
2. Adding a class with jQuery

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## ACTIVITY — TRIGGERING TRANSITIONS

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### EXERCISE

#### KEY OBJECTIVE

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- Practice using CSS transitions

#### TYPE OF EXERCISE

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- Individual/Partner Lab

#### TIMING

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*10 min*

1. Follow steps 1-2 in the main.css file in starter code > triggering\_transitions.
2. Follow step 3 in the main.js file in starter code > triggering\_transitions.

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## JQUERY METHODS — THE EVENT OBJECT

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- The event object has properties and methods that tell you more about the event that took place.
- By using the preventDefault method, the default action of the event will not be triggered.

```
$('#li').on('eventGoesHere', function(e) {  
    e.preventDefault();  
});
```

Parameter name



Use that name in the function and use dot notation to access its properties and methods.



**CREATE  
EVENT  
LISTENERS**



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**ANIMATION**

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# SIDEBAR LAB

# ACTIVITY

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## EXERCISE

### LOCATION

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- ▶ starter code > sidebar\_menu

### KEY OBJECTIVE

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- ▶ Practice thinking through some common JS interactions

### TIMING

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*3 min*

1. Chat through how to tackle this interaction with a partner

*15 min*

2. Follow the instructions in main.css to make the menu interactive. One step will require writing JS
3. BONUS: Also move the .content section over when the hamburger icon is clicked.

# ACTIVITY

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## EXERCISE

### LOCATION

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- ▶ starter code > sticky\_nav

### KEY OBJECTIVE

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- ▶ Practice thinking through some common JS interactions

### TIMING

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- |        |   |
|--------|---|
| 6 min  | 1. Review these links: <a href="#">find out how far down the page the nav is</a> and <a href="#">find out how far the user has scrolled</a> . |
| 8 min  | 2. Write pseudo code in main.js   |
| 15 min | 3. Follow the instructions in main.css to make the sticky nav functional.   |
|        | 4. Bonus: Fade in the annotations. Bonus: use setTimeout (Google it) to stagger the animations.   |

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**FEWD**

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# MODAL WINDOW LAB

# ACTIVITY

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## EXERCISE

### LOCATION

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- ▶ starter code > modal\_window

### KEY OBJECTIVE

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- ▶ Practice thinking through some common JS interactions

### TIMING

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*20 min*

1. Follow the instructions in your main.css file
2. Write your pseudo code for the close and open buttons
3. Write your JS