**Vue.js Component Options and Lifecycle Hooks**

| **Option** | **Description** | **Order of Execution** |
| --- | --- | --- |
| props | Defines the properties (props) that the component accepts from its parent component. | Before the component is created |
| components | Used to register child components within the parent component. | Before the component is created |
| directives | Allows you to register custom directives for the component. | Before the component is created |
| data | A function or object that initializes the component's data properties. | During the component's creation |
| computed | Defines the computed properties for the component. | After the component's data has been initialized |
| methods | Contains the methods/functions associated with the component. | After the data option has been processed |
| watch | Defines watchers that observe changes to specific data properties or props. | After the data option |
| created | Lifecycle hook called after the component has been created. | After data, computed, methods, and watch options |
| mounted | Lifecycle hook called when the component has been mounted into the DOM. | After the created hook |
| updated | Lifecycle hook called after the component's data changes have been applied and the component has been re-rendered. | After the mounted hook |
| beforeUnmount | Lifecycle hook called before the component is unmounted from the DOM. | When the component is about to be removed from the DOM |
| unmounted | Lifecycle hook called when the component has been unmounted from the DOM. | When the component is no longer in the DOM |