

**STUDENT ACTIVITY 1.4 KEY**

MTA Course: Web Development Fundamentals  
Topic 1.4: Understand events and control page flow  
File name: WebDevFund\_SA\_1.4\_Key

**Lesson Objective:**

**1.4:** Understand events and control page flow. *This objective may include but is not limited to:* application and page life cycle events; page events; control events; application events; session events; cross-page posting; Response.Redirect; Server.Transfer; IsPostBack; setting AutoEventWireup.

**Directions to the student:****Part 1**

1. Arrange the following events in the order that they occur. Indicate the order by placing a number in the space provided.

1	Page_PreInit
2	Page_Init
3	Page_InitComplete
4	Page_PreLoad
5	Page_Load
5.5	Control events
6	Page_Load Complete
7	Page_PreRender
8	Page_SaveStateComplete
9	Page_Render
10	Page_Unload

**Part 2**

1. Open an existing ASP.NET Web application that you have created.

2. Add a global application class to the Web application.
3. Identify at least three events that appear in that class.
4. Make at least one modification to each of these events.
5. Describe the changes made and the code used for each modification.

**Possible sample responses. Students may choose other events as well.**

<b>Application Event</b>	<b>Purpose</b>	<b>Modification Made</b>
<b>Application_Start</b>	You can use this method to perform startup tasks such as loading data into the cache, maintaining application scoped variables, and initializing static values.	Answer will vary.
<b>Application_Error</b>	May be raised at any phase in the application life cycle to capture unhandled errors that occur within any of the application's pages.	Answer will vary.
<b>Application_End</b>	Called once per lifetime of the application before the application is unloaded to execute any necessary cleanup or finalization code..	Answer will vary.

6. Add code to your Web application that will demonstrate any three of the following features:
  - a. Cross-page posting
  - b. Response.Redirect
  - c. Server.Transfer
  - d. IsPostBack
  - e. AutoEventWireup

**Answers will vary depending on which features the students choose and what modifications are made. The responses should implement the following:**

- a. **Cross-page posting**
- b. **Response.Redirect**
- c. **Server.Transfer**
- d. **IsPostBack**
- e. **AutoEventWireup**