

# 11. Popup Window with Responsive Design

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## Student learning outcomes

- Students will use JavaScript and CSS to display a popup window when the user clicks on a photo.
- Students will use a responsive design that makes sure the images and popup window do not overflow the screen size.

## Real world applications:

- Popup windows as used in competitions, in news articles, in advertising, and on portfolio web sites.
- Responsive design is used on all modern web site whose audience consists of mobile.

## Assignment requirements:

- Display a series of about six images in a grid.
- Each image will have associated information encoded in a data structure.
- When the user clicks on the image, the associated information will appear in a popup.
- New features and concepts:
  - Fixed positioning
  - Absolute positioning
  - Responsive design
  - Media queries
  - Data driven application
  - Associative arrays

