

```
document.addEventListener('DOMContentLoaded', () => {

  // card options
  const cardArray = [
    {
      name: 'puppy1',
      img: 'img/img1.jpeg'
    },
    {
      name: 'puppy1',
      img: 'img/img1.jpeg'
    },
    {
      name: 'puppy2',
      img: 'img/img2.jpeg'
    },
    {
      name: 'puppy2',
      img: 'img/img2.jpeg'
    },
    {
      name: 'puppy3',
      img: 'img/img3.jpeg'
    },
    {
      name: 'puppy3',
      img: 'img/img3.jpeg'
    },
    {
      name: 'puppy4',
      img: 'img/img4.jpeg'
    },
    {
      name: 'puppy4',
      img: 'img/img4.jpeg'
    },
    {
      name: 'puppy5',
      img: 'img/img5.jpeg'
    },
    {
      name: 'puppy5',
      img: 'img/img5.jpeg'
    },
    {
      name: 'puppy6',
      img: 'img/img6.jpeg'
    },
    {
      name: 'puppy6',
      img: 'img/img6.jpeg'
    }
  ];

  cardArray.sort(() => 0.5 - Math.random());

  const grid = document.querySelector('.grid');
  const resultDisplay = document.querySelector('#result');
  let cardsChosen = [];
  let cardsChosenId = [];
  let cardsWon = [];

  // create your board
  function createBoard() {
    for (i in cardArray) {
      const card = document.createElement('img');
      card.setAttribute('src', 'img/img7.jpeg');
      card.setAttribute('data-id', i);
    }
  }
}
```

```
        card.addEventListener('click', flipCard);
        grid.appendChild(card);
    }
}

// check for matches
function checkForMatch() {
    let cards = document.querySelectorAll('img');
    const optionOneId = cardsChosenId[0];
    const optionTwoId = cardsChosenId[1];
    if (cardsChosen[0] === cardsChosen[1]) {
        alert('You found a match');
        cards[optionOneId].setAttribute('src', 'img/img8.jpeg');
        cards[optionTwoId].setAttribute('src', 'img/img8.jpeg');
        cardsWon.push(cardsChosen);
    } else {
        cards[optionOneId].setAttribute('src', 'img/img7.jpeg');
        cards[optionTwoId].setAttribute('src', 'img/img7.jpeg');
        alert('Sorry, try again');
    }
    cardsChosen = [];
    cardsChosenId = [];
    resultDisplay.textContent = cardsWon.length;
    if (cardsWon.length === cardArray.length/2) {
        resultDisplay.textContent = 'Congratulations! You found them all!'
    }
}

// flip your card
function flipCard() {
    let cardId = this.getAttribute('data-id');
    cardsChosen.push(cardArray[cardId].name);
    cardsChosenId.push(cardId);
    this.setAttribute('src', cardArray[cardId].img)
    if (cardsChosen.length === 2) {
        setTimeout(checkForMatch, 500);
    }
}

createBoard();
})
```