Warming Up With

ember.js

Level 5 - Controlling our Growth

Nested Routes with Controllers

Review

app.js

```
App.IndexController = Ember.ArrayController.extend({
  productsCount: Ember.computed.alias('length'),

  onSale: function() {
    return this.filterBy('isOnSale').slice(0,3);
  }.property('@each.isOnSale')
});
```

We're showing 3 products that are on sale on the homepage. What about the rest?

Creating Our Filtered Route

app.js

```javascript
App.Router.map(function() {
  this.route('about');
  this.resource('products', function() {
    this.resource('product', { path: '/:product_id' });
    this.route('onsale');
  });
});
```

onsale is an adjective, so we'll use a route

http://example.org#/products/onsale
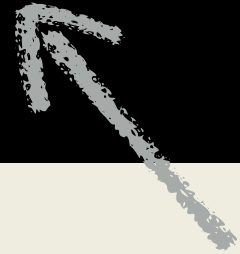
/products/onsale   products.onsale
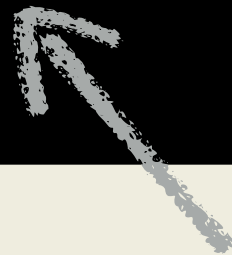
Nested Route Object

app.js

```
App.OnsaleRoute = Ember.Route.extend({

});
```

There is no top level route named onsale (it's nested)

```
App.ProductsOnsaleRoute = Ember.Route.extend({

});
```

Products is the Parent route, so we need
to prefix the onsale route

Model for a Nested Route

app.js

The parent route of ProductsOnsale is Products

```javascript
App.ProductsRoute = Ember.Route.extend({
  model: function() {
    return this.store.findAll('product');
  }
});
```

```javascript
App.ProductsOnsaleRoute = Ember.Route.extend({
  model: function () {
    // Get all products from the parent route and filter them
  }
});
```

Using the Parent Routes Model

app.js

```javascript
App.ProductsRoute = Ember.Route.extend({
  model: function() {
    return this.store.findAll('product');
  }
});
```

```javascript
App.ProductsOnsaleRoute = Ember.Route.extend({
  model: function () {
    return this.modelFor('products');
  }
});
```

modelFor returns the model from the given route

Using modelFor With Filters

app.js

```javascript
App.ProductsRoute = Ember.Route.extend({
  model: function() {
    return this.store.findAll('product');
  }
});
```

```javascript
App.ProductsOnsaleRoute = Ember.Route.extend({
  model: function () {
    return this.modelFor('products').filterBy('isOnSale');
  }
});
```

The Ember Inspector helps give some details about our new route

Route Name	Route	Controller	Template	URL
products.onsale	ProductsOnsaleRoute	ProductsOnsaleController	products/onsale	/products/onsale

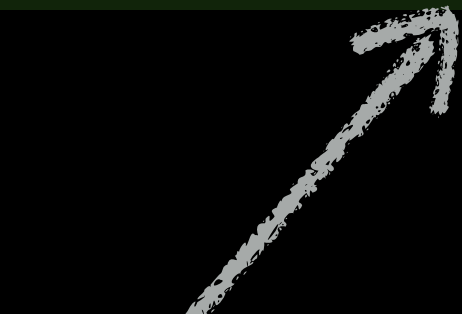We can link to this route by it's name: products.onsale

Linking to Our New Route

index.html

```html
<script type='text/x-handlebars' data-template-name='index'>
  <div class="body-content">
    <div class="row">
      {{#each onSale}}

        …
        <span class="label label-warning">
          {{#link-to 'products.onsale'}}On Sale{{/link-to}}
        </span>
      {{/each}}
    </div>
  </div>
</script>
```

Use the route name to link to our new route

Flint

Flint is a hard, sedimentary cryptocrystalline form of the mineral quartz, categorized as a variety of chert.

Buy for $99

Matches

One end is coated with a material that can be ignited by frictional heat generated by striking the match against a suitable surface.

Buy for $499

Tinder

Tinder is easily combustible material used to ignite fires by rudimentary methods.

Buy for $499

Links to our new On Sale Route

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Credits

On Sale Products List

index.html

```html
<script type="text/x-handlebars" data-template-name="products/onsale">

</script>
```

Use the template that matches the route path

Path #/products/onsale

Route Name products.onsale

Template Name products/onsale

products/onsale Template

index.html

```
<script type="text/x-handlebars" data-template-name="products/onsale">
<ul class='list-unstyled'>
  {{#each}}
    <li class='row'>
      <img {{bind-attr src='image'}} class='img-thumbnail col-sm-5'/>
      <div class='col-sm-7'>
        <h2>{{title}}</h2>
        <p class="product-description">{{description}}</p>
        <p>{{#link-to 'product' this class='btn btn-success'}}
          Buy for ${{price}}{{/link-to}}</p>
      </div>
    </li>
  {{/each}}
</ul>
</script>
```
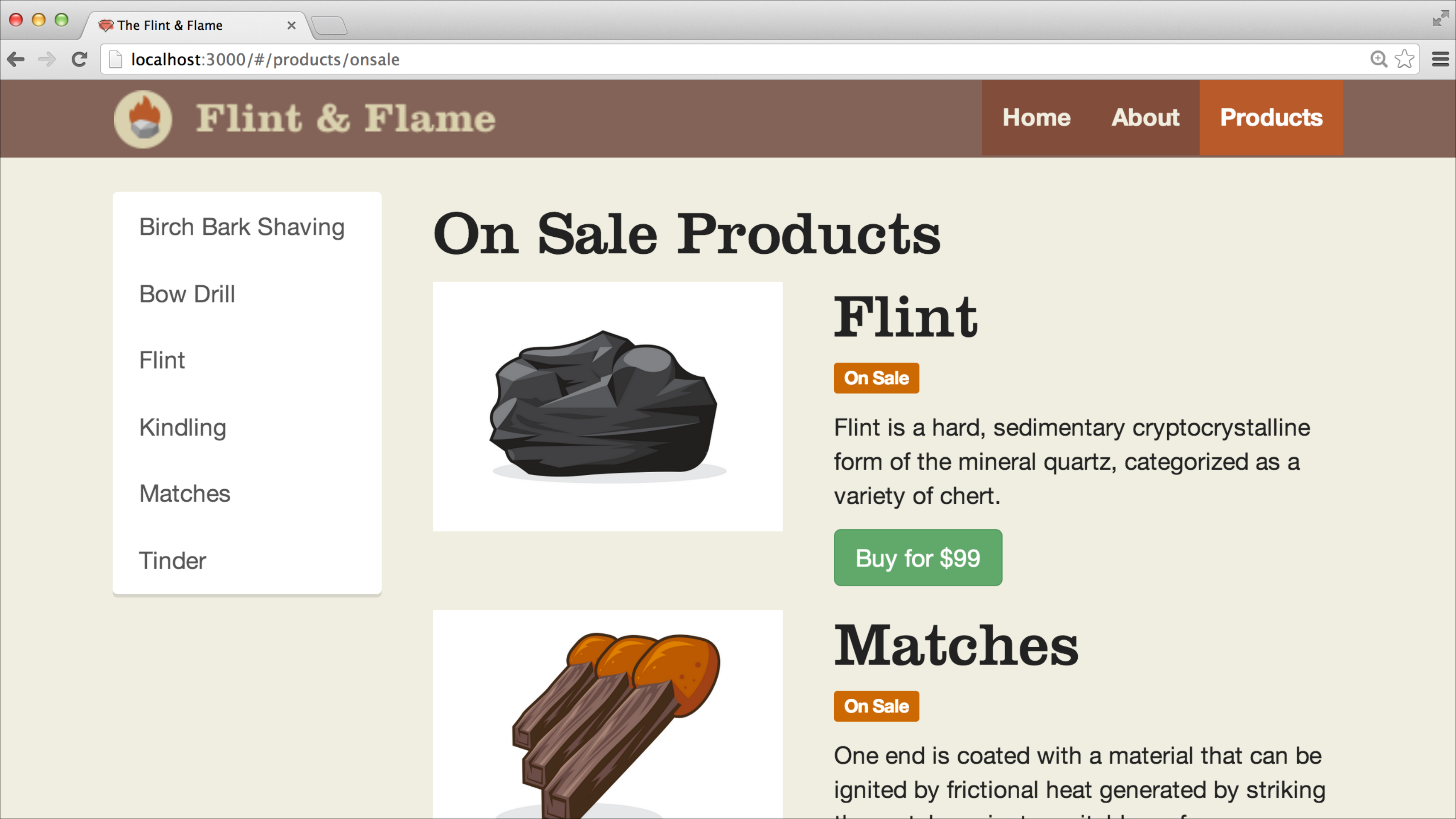
Show all products in the model

Same product details as on the homepage

localhost:3000/#/products/onsale

Flint & Flame

Home **About** **Products**

- Birch Bark Shaving
- Bow Drill
- Flint
- Kindling
- Matches
- Tinder

On Sale Products

Flint

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