



# Welcome to your coral reef education plan!

Grade Levels: 6-8

## WHERE TO START

We hope you enjoy these resources find the plan and activities useful for teaching your students about the coral reef ecosystem! To adapt the lessons from our “trunks” we have a few suggestions:

1. Download the lesson plan and slides for each lesson from our [website](#).
2. Locate the [virtual coral models](#) and [bleaching video](#) online. You can use these in place of actual coral models and 3D-printed polyps (unless you have your own!).
3. Download and print out the activity sheets (links below). Most only require one sheet ‘per group’, while others can be filled out by each student individually.
4. Find the “Other Activity Materials” if you would like!
5. As you go through the lessons, please feel free take photos and videos of your class and send them to [coral@FloridaDEP.gov](mailto:coral@FloridaDEP.gov) so we can feature them in our newsletters and social media. Thank you and have fun!

Once you have finished the lessons, complete this short, online survey about your experience: <https://survey.alchemer.com/s3/1075085/CoralTrunks>. Your feedback is important so we can continue to improve this program!

## MATERIALS CHECKLIST

### Lesson 1: Growing Up Coral

<b>Digital materials</b>	✓
Lesson 1 PowerPoint	
Coral models	
<b>Printed materials</b>	
Printed instructions (one per station, <a href="#">pages 6 to 11 of plan</a> )	
Printed icons of each stage of development (one per student, <a href="#">page 12 of plan</a> )	
<b>Other activity materials</b>	
Six dice (one per station)	

#### More resources:

[SEFCRI.com](http://SEFCRI.com)

[CoralReef.NOAA.gov](http://CoralReef.NOAA.gov)

### Lesson 2: Reef Relief

<b>Digital materials</b>	✓
Lesson 2 PowerPoint	
<b>Printed materials</b>	
Coral reef food web poster	
Picture cards for species from food web poster	
Ocean Pollution Assessment Checklist	
Reflection question exit ticket sheet (1 per student)	
<b>Other activity materials</b>	
Roll of yarn	
1 pair of scissors (teacher use)	
Food coloring (red, yellow, blue, green)	
Clear cup with water (one per student)	

### Lesson 3: Coral Reef Rescue

<b>Digital materials</b>	✓
Lesson 3 PowerPoint.	
<b>Printed materials</b>	
Coral rescue mission card (one per team)	
Coral rescue mission sheet (one per team)	
Reflection sheet (one per student)	
<b>Other activity materials</b>	
Construction paper or copy paper.	
Color pencils and/or markers.	
Modeling clay.	
Pipe cleaners.	
Phone/camera to record video.	