

Coral Live 2018

Science and geography | Ages 5-16

Coral Live 2018 Guidance for educators



Contents

This guide introduces the basics of Coral Live 2018, and takes you through the steps to get involved in this journey to understand coral reefs.

Step 1:
Register

Step 2:
**Prepare your
students**

Step 3:
**Prepare your
tech**

Step 4:
Engage

Step 5:
Reflect

Introduction: What?

Coral Live 2018 is a unique interactive encounter with coral scientists and explorers live from the Carmabi research station on Curaçao, in the Caribbean. Between the 29th of October and the 9th of November 2018, the Explore Live will be bringing the wonders of the reef and latest coral science to classrooms around the world.

Through a series of YouTube Live broadcasts, you and your class will be able to take part in:

- live investigations direct from the coral reef
- interviews with the coral science team
- 'Ask me anything' sessions

Introduction: Who & Why?

Coral Live will have sessions appropriate for students from age 5-16. You can take part with your class, as an assembly, or as a STEM club activity. We also welcome home-schoolers and family participation.

By providing access to this extreme environment, Digital Explorer aims to

- Ignite young people's curiosity
- Develop scientific literacy and 'working scientifically' skills
- Inspire young people to pursue STEM careers
- Encourage environmental stewardship

Introduction: When & How?

Between the 29th of October and the 9th of November 2018, the team will broadcast via YouTube Live.

There will 3 types of broadcasts:

1. **Live Investigations:** a member of the Explore Live team will guide your students through an investigation so that your students can work and think scientifically. You'll also be able to submit questions live.
2. **Interviews:** your chance to ask researchers about their work and lives. A brief bio will be provided for each speaker, so that you can prepare questions beforehand. You can submit questions in advance or live.
3. **'Ask me anything':** submit as many questions as you can and a member of the Explore Live team will try to answer as many as possible. We're aiming to answer more questions from the coral reef than ever before!

All broadcasts will be available via the Digital Explorer YouTube channel:

<https://www.youtube.com/user/DigitalExplorer>

Step 1: Register

Registration

If you have not registered already, it is really easy! All you have to do is take a look at the schedule (on the next two slides) and sign-up for sessions via [this form](#).

Once you have submitted the form, you will receive an automated email to confirm that you have registered for Coral Live 2018.

By registering, you'll get:

1. A reminder before the live stream broadcast
2. Priority for your questions to be answered (registration will inform our queue of questions though we can't guarantee all questions will be answered)
3. A shout out for your class from the Coral Live team
4. A certificate of participation in the largest live Coral education event ever (with your help!)

Step 1: Register

Coral Live 2018 schedule - Week 1

Theme				Coral introduction	Coral habitat	Coral in a high CO2 world
CET (Europe)	GMT (UK)	EDT (USA)	PDT (USA)	Monday 29 October	Wednesday 31 October	Friday 2 November
12:00	11:00	07:00	04:00	 Live investigation Incredible edible polyp	 Live investigation Coral food chain mobile	 Live investigation Ocean acidification
13:30	12:30	08:30	05:30	 Interview with coral restoration expert	 Interview with coral ecosystem expert	 Interview with coral and climate expert
15:00	14:00	10:00	07:00	 Ask me anything with the Coral Live team	 Ask me anything with the Coral Live team	 Ask me anything with the Coral Live team
16:30	15:30	11:30	08:30	 Live investigation Incredible edible polyp	 Live investigation Coral food chain mobile	 Live investigation Ocean acidification
18:00	17:00	13:00	10:00	 Interview with coral restoration expert	 Interview with coral ecosystem expert	 Interview with coral and climate expert
19:30	18:30	14:30	11:30	 Ask me anything with the Coral Live team	 Ask me anything with the Coral Live team	 Ask me anything with the Coral Live team

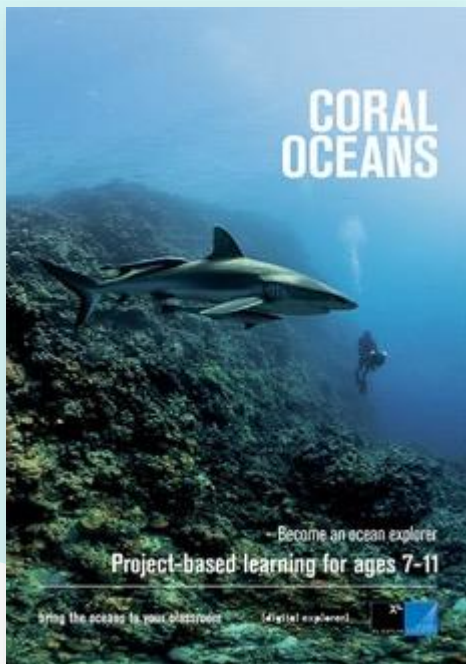
Step 1: Register

Coral Live 2018 schedule - Week 2

Please note: Daylight Savings ends in the USA

Theme				Going deeper	Adaptation on the reef
CET (Europe)	GMT (UK)	EDT (USA)	PDT (USA)	Tuesday 6 November	Thursday 8 November
12:00	11:00	06:00	03:00	 Live investigation Impact of deep water	 Live investigation Coral adaptation
13:30	12:30	07:30	04:30	 Interview with deep coral expert	 Interview with coral genetics expert
15:00	14:00	09:00	06:00	 Ask me anything with the Coral Live team	 Ask me anything with the Coral Live team
18:30	14:30	11:30	08:30	 Live investigation Impact of deep water	 Live investigation Coral adaptation
19:00	18:00	13:00	10:00	 Interview with deep coral expert	 Interview with coral genetics expert
20:30	19:30	14:30	11:30	 Ask me anything with the Coral Live team	 Ask me anything with the Coral Live team

Step 2: Prepare your students



1. Get everyone excited about Coral Live!
2. Start learning more about the reef using the free Coral Oceans resources on bit.ly/CoralLive2018

Including:

- [Downloadable lesson plans](#)
- [360°VR stories from the coral reef](#)
- [Videos of the wonders of coral and what it takes to research the reef](#)



Step 2: Preparation (live investigation)

3. Get ready for the big day!



If you're registered for an investigation, you will find guidance on the Coral Live website: [Live investigations](#)

You'll want to review the lesson beforehand as you'll be our eyes, ears, and hands in the classroom to help ensure things go smoothly. Make sure you have enough resources for your student group, especially if you are running an investigation jointly with another class or as part of a special programme.

Step 2: Preparation (interview)

3. Get ready for the big day!



If you're registered for an interview, check out the speaker profiles online: [Coral Live 2018 speakers](#)

Help your students formulate open-ended questions that are non-Googleable, such as:

How did you decide to become a researcher?

What is your favourite creature on the reef and why?

What do you think the reef will look like in the future?

What do you miss most while on expedition?

It would be best to have questions that consider the speaker's background and knowledge, so be sure to consult the schedule and profiles.

Step 2: Prepare ('Ask me anything')

3. Get ready for the big day!



If you're registered for an open Q&A, prepare lots of questions! Help your students formulate open-ended questions that are non-Googleable, such as:

Did you pack anything special from home?

Have you ever swum with sharks?

What tools do you use most while doing research on the reef?

Can you sleep underwater? Can a clownfish tell jokes?

This is an open forum for students to ask all of their wildest questions. Your host will try to answer as many questions as possible.

Step 2: Prepare your students

3. Get ready for the big day!

Submit your questions

1. All prepared questions can be submitted via the online form “Questions for Coral Live”
 - This is the preferred method, especially for interviews as it helps the Digital Explorer team prepare and organize
 - Questions that have been submitted in advance by registered educators will have priority in the question queue
2. Additional questions that come up during the broadcasts can be submitted via the [live chat on YouTube Live](#).

Step 3: Prepare your tech

To watch via YouTube Live, all you need is the equipment to stream YouTube:

- A networked device (desktop, laptop or tablet)
- A method of projecting video, such as a digital projector or a large monitor

To participate live in the conversation, you may want:

- A YouTube account in order to participate in the YouTube Live chat
- Make sure you have [created a personal channel](#) so that you can chat
- A Twitter account so you can send us questions and comments by mentioning [@de_updates](#) and using the hashtag #CoralLive2018



Step 4: Engage

On the day of a session:

1. Set up your projection
2. Go to the Digital Explorer [YouTube Channel](#). All live videos will appear on the channel homepage.
3. Make sure you have signed into YouTube with your Google account, if you want to submit questions and comments via the YouTube Live chat to the right side of the video.
4. You can also submit questions and comments via Twitter by mentioning [@de_updates](#) and using the hashtag #CoralLive2018.



Step 4: Engage



Be sure to join the social media conversation during and after the event.

Let us know how your experience went! You can use the hashtag #CoralLive and mention [@de_updates](#) on Twitter and [@DigitalExplorer](#) on Facebook.

Step 5: Reflect

After the event, discuss with your class and let us know how it went by completing the online feedback form. You will receive a certificate of participation to recognise your efforts, which you can share on your social media or LinkedIn profile or simply keep for yourself to remember a great experience!

Remember that all the broadcasts will be archived and available for viewing via the [Digital Explorer YouTube channel](#).

Also, because learning doesn't stop when the broadcast does, consider using another lesson from the [Digital Explorer's Coral Oceans Resources](#).

A vibrant underwater scene featuring a massive school of blue tangs swimming in a clear blue sea. Below them, a diverse coral reef is visible, with various types of coral in shades of yellow, green, and brown. The fish are densely packed, moving in a coordinated pattern over the reef.

**Join us in this exciting
journey to wonderful reef!**