

Competition Overview

The United Kingdom Space Design Competition is an science and engineering competition designed as a simulation of life in the industry. Students from years 10 - 13 will compete to design a space settlement following a strict Request For Proposal.

The aim of all UKSDC competitions is to design a space settlement, however the complexity and how to present the information changes for each competition. Hundreds of UK students compete each year, with some lucky ones going on to represent the UK at the International Finals at the Kennedy Space Center, US.

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October 2018



Entry

To enter the UKSDC you create a team. Your team must:

- Be formed of UK students in years 10-13
- Be of a size of 4-12. (If you have less than 4 people please get in touch)
- There are more rules per the competition you enter, but these are the basics

Individuals who wish to proceed to the International Finals must be 18 in august of next year

There are 4 competitions in the UKSDC. The **Regional Heats** and **Video Competition** are where a team first enters:



There are 2 types of competition in the UKSDC:

- In the **Regional**, **National**, and **International** competitions, you design a space settlement and create a presentation about it, before presenting it in front of an audience.
- For the **Video Competition**, you design a space settlement and create a 3 minute video about it, before posting the video online.

Regionals

You can enter one regional per team. Typically one team or 'company' will be selected to go on to the national finals. Please read more on page 4 on how to enter.

If you are not successful at your regional, please do enter into the video competition.

Video Competition

You can enter into the video competition as many times as you like. Typically 10 teams will be selected to go on to the national finals. Please read more on page 4 on how to enter.

National Finals

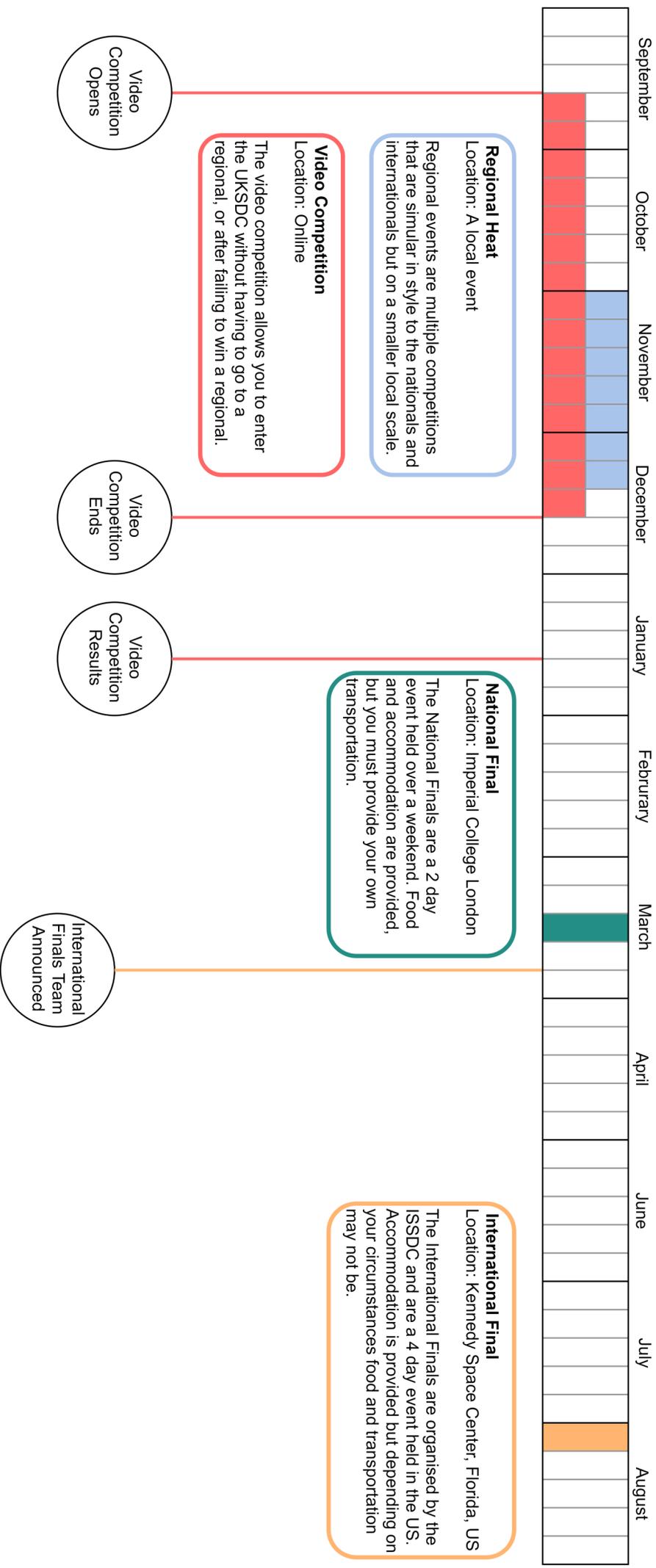
Being successful in either a regional heat or the video competition will offer your team a place at the UK National Finals. A list of contestant teams will be available on the blog at the time.

International Finals

The selection process for the international finals changes from year to year, however all will be detailed at your national finals. Members from the winning team at the Nationals will be primarily selected.

If you have any questions, do not hesitate to email us at general@uksdc.org

Competition Timeline



Regional Heat and Video Competition

Regional Heats

Regional heats are the primary way to enter the UKSDC. You will have to create a presentation for your space settlement and then present it in front of an audience and judges. Each heat is located in a different place across the UK. The competition will last for the entirety of 1 day.

The week before your regional you will receive a *Press Release* and a *Programme Booklet*. These are absolutely essential reading for all members of your team to prepare you for the competition. On the day of the competition you will be directed on what to do, so don't be afraid if you don't understand the competition beforehand!

Entry

uksdc.org/compete/regionals

Please visit the website and follow the on page instructions. Regionals around the country will be listed. Popular regionals fill up quickly so it's worth booking about a month in advance.

Video Competition

If you fail to win your regional, please enter the video competition

The Video Competition is another way to enter the UKSDC. You can enter the video competition even if you have or haven't entered a regional competition. However to increase your odds of going through to the National Final, it is recommended you do enter into a Regional heat if it is reasonable for you to do so (they're also really good fun).

The Video Competition will open mid-September with an RFP. You must design a space settlement and create a 3 minute video about it. Do not feel like you need to spend the whole 90 days of the competition on making the video, most videos only take a couple of weeks to make, but might take more or less depending how you wish to make your video.

Any technical questions or problems can be directed to general@uksdc.org.

Entry

uksdc.org/compete/video-competition

Please visit the website and read the RFP and rules. You will need to email a completed copy of the *Team Registration Spreadsheet* to general@uksdc.org before the deadline to enter.

Nov.—Dec.

In Numbers

Competition Length:

1 day

Working Time:

~7 hours

Presentation Length:

20 minutes

Question Time:

5 minutes

Slide Count:

35 slides

Mid Sept.— Mid Dec.

In Numbers

Competition Length:

~90 days

Working Time:

Your choice

Video Length:

3 minutes

Timeline

Competition Opens:

mid-September

Competition Closes:

mid-December

Results Announced:

mid-January

More precise dates
on the website

National and International Finals

National Finals

The national finals is 2 days long, held over a weekend at Imperial College London. Accommodation for the Saturday night and food is provided, but unfortunately transportation is not.

The National Finals are a scaled up version of the Regionals. You will compete in larger 'companies' formed of multiple teams, with a lengthier, harder RFP to create a longer presentation, with more time to present in front of an audience and a large group of judges.

As with the Regional Heats, the *Press Release* and the *Programme Booklet* are essential reading beforehand for all team members. On the day of the competition you will be directed as to what to do, so don't be afraid if you don't understand the competition fully beforehand.

Entry

The list of those schools selected from the Video Competition will be on the blog and your school will be contacted as will those who won their Regionals to confirm attendance.

Location

The location for the national final is every year at Imperial College London.

- **Driving** We do not recommend driving to Imperial College London if possible; there is very limited parking available and it is largely reserved for staff or local residents. If you intend to drive, you can arrange visitor parking at Imperial College London in advance (please contact us for up to date information)
- **Tube** To get to Imperial College London by tube, exit South Kensington tube station into Thurloe Street and follow signs for the Science Museum. Crossing Cromwell Road and walking north up Exhibition Road, past the Natural History Museum and the Science Museum on your left hand side. If taking the subway, the Science Museum exit is the best to take, turning left immediately as you exit. Continuing to walk north you will pass the entrance to Imperial College Road on your left and a short way past this will be a silver building also on the left with the name 'Imperial College London' on it. Just after this will be a pair of revolving doors which is the main entrance for competitors.

International Finals

The international finals are organized by the ISSDC and are held overseas at the Kennedy Space Center in Florida, US. It is attended by students from around the world. If selected, depending on the selection process you may or may not have transportation provided for you. There will be more details at your National Finals.

Mid March

In Numbers

Competition Length:

2 days

Working Time:

~20 hours

Presentation Length:

35 minutes

Question Time:

10 minutes

Slide Count:

50 slides

Early August

In Numbers

Competition Length

4 days

More Competitions

National Competitions

Other Opportunities



UKSDC

For years 10 –13

uksdc.org



Galactic Challenge

For years 5-9

gchallenge.org



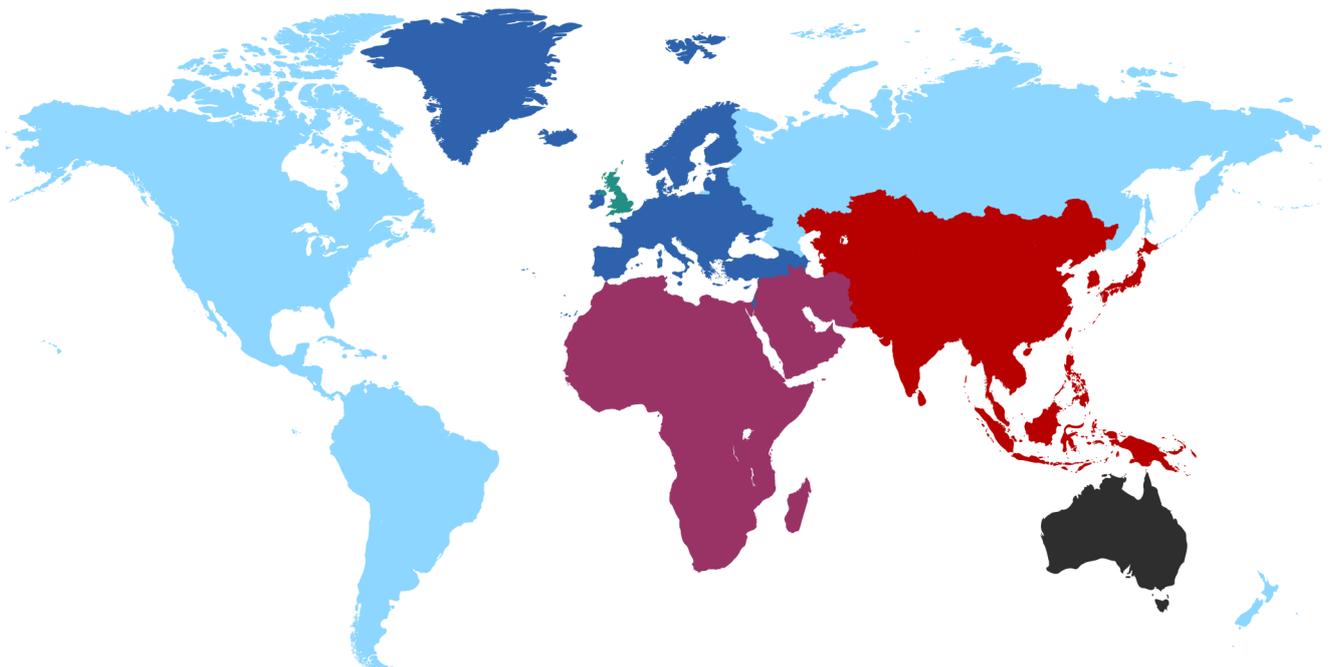
GSDC

Global Space Design Challenge

gspacedc.com

International Competitions

UKSDC is part of a large group of Space Design Competitions



ISSDC

International Space Settlement Design Competition

issdc.org, www.spaceset.org



UKSDC

United Kingdom Space Design Competition

uksdc.org



EUSDC

European Space Design Competition

eusdc.org



MEASDC

Middle East Africa Space Design Competition

measdc.org



ARSSDC

Asian Regional Space Settlement Design Competition

arssdc.org



SDCA

Space Design Competitions Australia

ausspacedesign.org.au