

## **Mott MacDonald – Design a Nightingale Hospital**

The 3 key learning takeaways from the session are:

1. Learning about COVID
2. Spatial awareness
3. Team working

**By the end of this activity the children will:**

- Understand what Mott MacDonald do and the jobs that the presenters do
- Understand the role that Mott MacDonald did to help build the Nightingale Hospitals
- The importance of team work to complete a complex project
- Improve presentation skills after presenting hospital design to rest of class
- Understand the concept of spatial awareness
- Be able to name the continents and some countries within them

**Suggested Lesson Structure:**

Total Activity time: 1 hr 45 mins to 2hrs

Activity	Description	Time
Introduction	Introduction to Mott MacDonald	2 mins
Activity 1	Name the countries and continents	10 mins
	Intro to Mott's part 2	1 min
Activity 2	Word search of sectors	5 mins
	Nightingale Hospitals, acting in emergencies	5 mins
Instruction on Activity 3	(Age dependant) Set a group activity where different teams work on designing a Nightingale hospital on paper. Older students to add in more elements such as to scale, one-way systems, fire escapes.	5 mins
Activity 3	Build a Nightingale Hospital	30 to 60 mins
Reflection/Presentation Prep	Short presentation and time for students to reflect and as a group create a short 5-minute show and tell presentation	20 mins
Presentations	Carry out presentations	10 min
Feedback from teacher		10 min
Time-lapse film	Time-lapse of building Nightingale Hospitals	2 mins
Spatial Awareness Activity	Carry out an activity however the teachers see fit to teach the students 2m, 1.5m, 1m distances e.g. students laying down, guess the distance game etc	5 mins

**What you will need:**

- Link to the Mott MacDonald film
- Info sheet for hospital build

- Materials to build/ design hospital:
  - Lego (if available)
  - A3 sheet of paper/ card to cut out for beds/ scissors / coloured pens or pencils
- Word search
- 2 m measuring item