Boombastic Science Show for Primary School Students

What sized area is required for the performance?

The size of the area required for the performance is at minimum the stage space of 4-6 metres wide, by about 4 metres deep. This can be shortened if need be. With that in mind of course the space would need to house the audience comfortably.

Please note that these measurements are the average recommended measurements and should not ever exceed the measurements specifications, they can sometimes be shortened due to spacing issues. SAFETY ALWAYS FIRST. Unless specified in the script on advised by a Stage Manager or Supervisor, it is important to follow the recommendations of the measurements below.

STAGE SETTING AND SPECIFICATIONS OF MEASUREMENTS:

On average the permitted and recommended space for the stage area is (to work out the feet multiple metres by 3 to get at approximate measurement of feet:

1. **Stage 1 Event =** 4-6 metres wide by 4 metres deep.
2. **Stage 2 Event =** 6-8 metres wide by 5-6 metres deep.
3. **Stage 3 Event =** 7-9 metres wide by 5-8 metres deep.
4. **Stage 4 Event =** 8-10 metres wide by 6-8 metres deep.
5. **Stage 5 Event =** 8-12 metres (more if required) by 10-14 metres deep.

AUDIENCE SEATING AREA: AUDIENCE SEATING AREA:

Will often be designated red ropes. The ropes are tied down and knotted to weights. For measurement of the surface area in square metres with the ropes use the formula of:

1. Divide the total audience quantity by 2 (for two red squares)
2. Divide that number by 3 for width and you calculate the area squared required.
3. Then divde this by the Stage Event Type (Stage 1= 3 or 4; Stage 2= 4 or 5; Stage 3 = 5-6; Stage 4 = 6-7; Stage 5 = 6-8) for width of audience seating (please note this also depends on the width of the house performance area that is safely allowed/permitted.

For example if there were total audience of 90 for a Stage 1 Event/Show

1. Divide 90 by 2 = 45
2. Divide 45 by 3 = 15
3. The total area square require is 3m Wide by 15m Long.

The following formula is used based on the audience age group as well.

- Use the formula above for Audiences that are aged between 5-10 ten year olds.
- Audiences aged 11-14 year olds step 2 (change the divisable number to 2)
- Audiences aged 15-17 year olds step 2 (change the divisable number to 1.5)
- Audiences aged 18+ year olds step 2 (change thedivisable number to 1)

AUDIENCE AREA WITH SEATS:

- Red ropes are not required, however try to maintain a middle aisle. Iconic Stage Team are not permitted to set up the house seats. This is the job of the Venue Organiser.

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Others Areas on Stage or In House to be aware of with specifications and measurements.

- **GREEN ROOM** to be backstage and about 3m wide by 3m deep.

- **APRON to DOWNSTAGE / FRONT STAGE** distance should be a Depth of 1 metre (3 feet)
- **APRON to ORCHESTRA PIT** distance should be a Depth of 1 metre (3 feet)

- **HOUSE FRONT ROW SEATS** TO BE 1 metre (3 feet) from APRON.

- **HOUSE EDGES** Distance in width for edge of seating to wall should be a minimum of 1 metre (3 feet)

- **AISLE BETWEEN AUDIENCE SEATING AREA** Distance in width for the aisle should be no less than 1 metre (3 feet)

- **PRODUCTION BOOTH/AREA to HOUSE REAR** Distance from Production Booth/Area and House rear or end of ropes or seating area must be a minimum of 2 metres (6 feet)

- **HOUSE/AUDIENCE ENTRANCE POINT** This can be almost at any location,however is preferred if it is towards the rear of the house and not directly behind production booth.

Attached files:

Unique solution ID: #1234
Author: Stewart Norton
Last update: 01-Jul-2019 12:46

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