WF Education Group
supporting educational outcomes

Your Laboratory Design Checklist

As specialists in educational space design and installation, we have put together a checklist to help you plan your new lab space.

Referring to associated document 'Your Laboratory Design Guide' throughout which will give you further details from from the beginning of your planning stages.

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Consider position and layout carefully!

Try and talk to everyone involved and think of everything you will need in your new or refurbished laboratory right from the beginning. Once the design and build are complete it can be difficult and expensive to add or change layouts.

Consider the key differentiators for all sciences

Discover a few of the key differentiators when designing your Chemistry, Biology and Physics laboratory on page 2. This can save you time and money.

Storage. Storage. Storage...

Inadequate storage can impact set up times for practical lessons and can be expensive to add in at a later date. Find out what to consider on page 3.

Storing hazardous materials

From ventilation to storing chemicals & radioactive material. This is one of, if not the most important parts of your laboratory design and planning. Make sure you have it all covered on page 4.

Thoughtful furniture

Well designed and positioned furniture plays a huge part in effective learning environments. Learn more about furniture on pages 7 and 8.

Power and water supply - getting it right!

Vital services such as gas, electric and water supply should be considered carefully when building them into your lab designs. Conforming to regulations and legislations is critical to ensure optimum safety standards in the lab. Read more on page 8 and 9.

The power of interior décor and colour is one of educations top stimulants

The environment in which we are educated is a powerful and thought-provoking stimulant for young minds to learn. How a space makes us feel is an important consideration that should not be overlooked. Find out more – page 7.

Harnessing the power of collaboration in science

Interpersonal and group skills, group accountability, face to face promotive interaction and positive interdependence are all elements of collaborative learning. Ensuring your laboratory is configured to support group learning will not only make collaborative learning easier but facilitate collaborative learning too.

It's more than just lighting...

Lighting affects both mood and emotion which in turn can impact learning behaviours and performance. Hear our advice on lighting and window considerations on page 6.