

Flinn Lab Design Checklist	
Room Specifications	
A	B
	Dedicated Laboratory = 50 ft. sq. minimum per student
	Combination classroom/Laboratory = 60 sq. minimum per student
	Maximum class size = 24 students
	Minimum of 36" of space between desks and between desks and cabinets
	Preparation/Storeroom adjacent to Laboratory
	Minimum of two exits from room with doors opening outward
	Chemical resistant tile flooring (ex. vinyl tile). Never Carpet
Laboratory Ventilation	
	One complete air change (ACH) in less than five minutes
	Separate from the HVAC System
	Exhausts directly to the outdoors
	On-demand, not a 24/7 system
Workstations	
	Teacher Demonstration Table with water and gas service
	Enough student workstations to support the maximum occupancy of the room
	Chemical and heat resistant tops for demonstration table and workstations
	Standing height (36")
	Plan for at least one handicap accessible workstation
Utilities	
	Water (Cold, Hot, or both and where should the services be located)
	Gas (Where should the services be located)
	Electric, outlets should be GFI protected
	Phone
	Data Ports
	Master/Emergency cut-off valves for gas, water, and electrical
	Proper signage for each cut-off valve
Eyewash	
	OSHA and ANSI compliant unit
	Plumbed
	Proper drainage
	Located in an easily accessible, unobstructed location
	Proper signage
Safety Shower	
	OSHA and ANSI compliant unit
	Plumbed
	Proper drainage
	Located in an easily accessible, unobstructed location
	Proper signage
	Modesty Curtain
Fume Hood	
	Venting separate from building HVAC System
	Exhausts directly to the outdoors
	Able to achieve 100 fpm (feet per minute) face velocity
	Positioned away from high traffic and draft areas
	Electric, gas, water, and sink service as needed
Safety Equipment/Miscellaneous	
	A,B,C Fire Extinguisher
	Fire Blanket
	First Aid Kit
	Bloodborne Pathogen Clean-up Kit
	Chemical Spill Clean-up Kit
	Proper signage for all pieces of safety equipment
	Goggle Storage and Sanitation
Date:	Architect/Project Planner Name:
Date:	Presenter Name: