

Science and Our Food Supply Equipment List for a Class of 30 Students 10 Groups - 3 Students per Group

Quantity Description

Module 1 Bacteria Everywhere

- 1.....cotton swabs, wooden, bag/100
- 30.....Petri dishes
- 1.....Powdered Nutrient Agar, 500 gm bottle
- 10.....black permanent marker
- 1.....parafilm, 4" x 125'
- 10.....hand magnifier
- 1.....labeled spray bottle, 20% bleach

Module 3 Blue's the Clue

- 1.....methylene blue, 1% solution, 500 ml
- 60.....test tubes, 15 ml, poly w/ push in cap
- 10.....pipette bulb/pipette aid
- 10.....test tube rack
- 30.....pipette, disposable, poly, 10 x 0.1 ml
- 10.....pipettes, plastic disposable, graduated, 5 ml
- 10.....black permanent marker
- 1.....labeled spray bottle, 20% bleach

Module 3 Mystery Juice

- 2.....jar, pint, plastic w/ screw on lid
- 30.....Petri dishes
- 1.....Powdered Nutrient Agar, 500 gm bottle
- 1.....cotton swabs, wooden, bag/100
- 1.....parafilm, 4" x 125'
- 1.....nitrile gloves, box 100
- 10.....black permanent marker
- 1.....labeled spray bottle, 20% bleach

Module 4, The Science of Cooking a Hamburger

- 10.....rulers
- 10.....scales, digital
- 10.....hot plates
- 10.....frying pans, 8"
- 10.....thermometer, digital, meat
- 50.....Petri dishes
- 1.....Powdered Nutrient Agar, 500 gm bottle
- 1.....parafilm, 4" x 125'
- 1.....cotton swabs, wooden, bag/100
- 10.....black permanent markers
- 10.....hot pads
- 1.....nitrile gloves, box 100
- 10.....safety goggles, adult size
- 10.....Lab Aprons
- 1.....labeled spray bottle, 20% bleach

Quantity Description

Module 4 A Chilling Investigation

- 1.....scale, digital
- 20.....zip lock bags, quart
- 30.....Petri dishes
- 1.....Powdered Nutrient Agar, 500 gm bottle
- 1.....nitrile gloves, box 100
- 10.....Lab Aprons
- 1.....cotton swabs, wooden, bag/100
- 1.....labeled spray bottle, 20% bleach

Module 4 Don't Cross Me

- 10.....digital scales
- 20.....cutting mats
- 50.....Petri dishes
- 1.....Powdered Nutrient Agar, 500 gm bottle
- 1.....cotton swabs, wooden, bag/100
- 1.....nitrile gloves, box 100
- 10.....Lab Aprons
- 10.....containers - sterile water
- 1.....parafilm, 4" x 125'
- 1.....labeled spray bottle, 20% bleach

Module 4, Crossed Up!

- 60.....zip lock bags, gallon (2 per student)
- 1.....labeled spray bottle, 20% bleach
- 30.....Petri Dishes
- 1.....Powdered Nutrient Agar, 500 gm bottle
- 10.....black permanent marker
- 1.....cotton swabs, wooden, bag/100
- 1.....parafilm, 4" x 125'

Coliform Counts

- 1.....nitrile gloves, box 100
- 30.....safety goggles, adult size
- 10.....flask, 1.5- 2 liter
- 1.....violet red bile agar, 100 gm
- 50.....Petri dishes
- 10.....spatulas
- 10.....sterile saline solution, 99 ml
- 30.....test tubes, 15 ml, glass, 14x130mm
- 10.....saline solution, sterile, 27 ml (30 ml)
- 10.....test tube rack
- 10.....black permanent marker
- 40.....pipette, plastic, graduated to 1 ml
- 10.....pipette aids
- 10.....hot pads
- 10.....Hot plates