**Footlocker Kit Application Form**

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| --- | --- |
| **Date** |  |
| **Teacher Name** |  |
| **Teacher Email** |  |
| **Teacher Phone** |  |
| **School Name** |  |
| **School Address** |  |
| **School Phone** |  |
| **Grade of Students** |  |
| **Number of students you plan to use this kit for** |  |
| **Describe your class layout**  (# students/class, # groups) |  |
| **What course are you using this kit for?** |  |
| **I would like this kit by**  **(request your kit at least two weeks before this date)** | Date: |

**I would like to rent** (please check or highlight only one per application form)**:**

Kit 1: Variability, Inheritance, DNA Structure & Isolation 

Kit 2: Bacterial Transformation  or Protein Purification 

Kit 3: DNA Restriction Analysis  or Forensics 

Kit 4: PCR and Human DNA Variation – choose one:

Jumping Gene  HMS  Profiling 

**PLEASE NOTE:** If you are renting a *Human DNA Variation* kit, you MUST have a signed permission slip for each student who participates. Permission slips can be downloaded from the footlocker kit site.

FOR OFFICE USE ONLY

|  |  |
| --- | --- |
| Pick-up Date |  |
| Return Date |  |
| Fee |  |

If you have any of the following equipment/materials at your school, please indicate it below with a “Y”. If you have some, but not all of the materials you need, please indicate how many of each supply you have.

|  |  |
| --- | --- |
| **Equipment/Materials** | **Write “Y” below if you have any of these materials** |
| Gel electrophoresis chamber(s) |  |
| Extra gel inserts and combs (indicate how many gels you want to pour for a single day) |  |
| Power supply for gel electrophoresis |  |
| Microcentrifuge |  |
| Waterbath |  |
| UV transilluminator (for gels and transformed bacteria) |  |
| Blue LED transilluminator (some gel viewers are blue instead of UV) |  |
| UV flashlight (to visualize transformed bacteria) |  |
| Thermal cycler |  |
| PCR Tubes for Thermal cycler |  |
| PCR strip tubes to send for sequencing (HMS only) |  |
| Tube racks for PCR tubes |  |
| Small micropipettors (10 µl) |  |
| Medium micropipettors (100 µl) |  |
| Large micropipettors (1000 µl) |  |
| 10 µl tips |  |
| 100 µl tips |  |
| 1000 µl tips |  |
| 1.5 ml microcentrifuge tubes |  |
| Tube racks for 1.5 ml tubes |  |
| Microcentrifuge tubes with glass beads (transformation) |  |
| Bacterial incubator |  |
| Microwave to melt gels (indicate if you have a hot plate) |  |
| DNA stain (e.g. SYBR green, *CarolinaBLU*, etc.) |  |
| DNA ladder / marker (e.g. 100-bp ladder, pBR322/*Bst*NI) |  |
| TBE or TAE Running Buffer |  |
| Agarose powder |  |
| Sterile distilled water |  |
| Sharpies (to label tubes) |  |
| Beakers (for waste) |  |
| Masking Tape |  |