




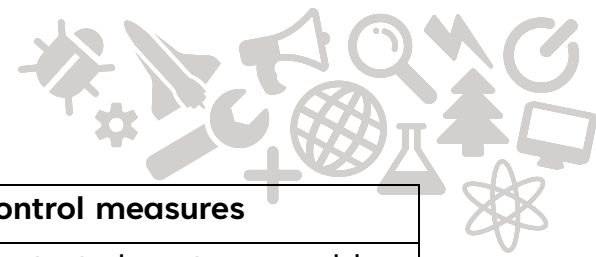
Light Loans Box Hazard Identification Sheet



This Hazard Identification Sheet that lists each item in this Loans Box, its related hazards, and possible ways to reduce those risks (control measures).

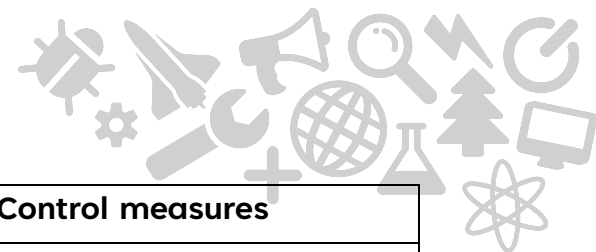
It is important for your school to use this information to create your own risk assessment that fits your specific context and environment. Doing so helps ensure that any potential risks are properly identified and managed, keeping both pupils and staff safe while exploring STEM topics with the Loans Box. By taking responsibility for the risk assessment process, schools can make sure the activities and resources provided align with your existing safety protocols. We expect you to Risk Assess the use of the box, in line with your existing procedures, prior to using the materials with children.


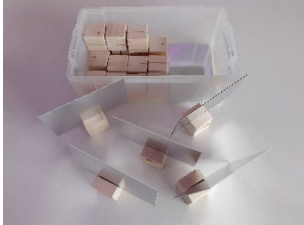

All the items in the loans box are carefully checked by us prior to delivery to your school. If you find anything you believe to pose additional hazards to children (not identified on the sheet), please remove them from the box and contact us.

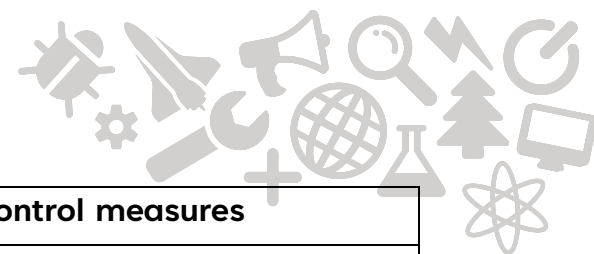
| Item | Risks | Control measures |
|---|--|---|
|  Draw string bags | <ul style="list-style-type: none">• Strangulation risk from cord | <ul style="list-style-type: none">• Supervise children using draw string bags |







| Item | Risks | Control measures |
|--|---|---|
|  <p data-bbox="338 491 663 523">Shadow changing kit</p> | <ul data-bbox="869 261 1256 408" style="list-style-type: none"> • Trapped fingers when assembling • Trip hazard | <ul data-bbox="1487 261 2011 817" style="list-style-type: none"> • Demonstrate how to assemble the structure • Warn children to keep fingers away from the ends of the tubes when assembling • Ensure there is a large space for use, away from access points and walkways • Ensure all pieces are picked up from the floor when not in use |
|  <p data-bbox="338 1075 663 1107">Rechargeable torches</p> | <ul data-bbox="869 845 1352 1050" style="list-style-type: none"> • Electrocution while charging • Trip hazard from cables • Impact injury from inappropriate use | <ul data-bbox="1487 845 2018 1279" style="list-style-type: none"> • Charge away from children • Ensure cables are disconnected when charging is complete • Ensure cables are not stretched across access points and walkways • Ensure children use equipment sensibly |



| Item | Risks | Control measures |
|--|---|---|
|  <p data-bbox="443 488 557 517">Mirrors</p> | <ul data-bbox="869 261 1205 347" style="list-style-type: none"> • Impact injury from inappropriate use | <ul data-bbox="1487 261 2007 347" style="list-style-type: none"> • Ensure children use equipment sensibly |
|  <p data-bbox="315 775 685 804">Mirror blocks and cubes</p> | <ul data-bbox="869 552 1205 692" style="list-style-type: none"> • Impact injury from inappropriate use • Trip hazard | <ul data-bbox="1487 552 2007 871" style="list-style-type: none"> • Ensure children use equipment sensibly • Ensure there is a large space for use • Ensure all pieces are picked up from the floor if dropped |
|  <p data-bbox="450 1126 551 1155">Prisms</p> | <ul data-bbox="869 903 1205 1043" style="list-style-type: none"> • Impact injury from inappropriate use • Trip hazard | <ul data-bbox="1487 903 2007 1222" style="list-style-type: none"> • Ensure children use equipment sensibly • Ensure there is a large space for use • Ensure all pieces are picked up from the floor if dropped |



| Item | Risks | Control measures |
|---|---|---|
|  <p data-bbox="376 491 627 523">LED light source</p> | <ul data-bbox="869 261 1375 293" style="list-style-type: none"> • Choking hazard- small pieces | <ul data-bbox="1487 261 1962 405" style="list-style-type: none"> • Warn children to keep equipment away from their mouths |
|  <p data-bbox="293 778 707 810">UV beads, bands and pens</p> | <ul data-bbox="869 549 1375 580" style="list-style-type: none"> • Choking hazard- small pieces | <ul data-bbox="1487 549 1962 692" style="list-style-type: none"> • Warn children to keep equipment away from their mouths |
|  <p data-bbox="416 1010 589 1042">UV torches</p> | <ul data-bbox="869 836 1205 932" style="list-style-type: none"> • Impact injury from inappropriate use | <ul data-bbox="1487 836 2007 932" style="list-style-type: none"> • Ensure children use equipment sensibly |
|  <p data-bbox="315 1297 687 1329">White light colour mixer</p> | <ul data-bbox="869 1067 1361 1227" style="list-style-type: none"> • Impact injury from inappropriate use • Trapped fingers/hair/clothes | <ul data-bbox="1487 1067 2007 1329" style="list-style-type: none"> • Ensure children use equipment sensibly • Warn children to keep fingers/hair/clothes away from mechanisms |

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