

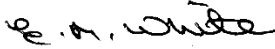






St Bede's Catholic College

Risk Assessment: Implementation of Lateral Flow Testing to College Staff & Students

(Version 2 04/03/2021)

Section 1

Establishment: St Bede's Catholic College	Date of Assessment: 6 th January 2021 Reviewed 4 th March 2021
Assessed by: Please note all those involved should sign up to this assessment. Print below: NAME:	Staff signatures:
Mrs E White (Chair of Governors)	
Mr J Maher (Principal)	
Mr V Curnock (Assistant Principal - Health & Safety)	
Mr G McNamara (Union Representative)	
Mr W Haskins (Premises Manager)	

We have all read and understood this Risk assessment and our role in its implementation

Background, Context & References:

This risk assessment has been developed with reference to the NHS Test and Trace COVID-19 National Testing Programme How to Guide: Rapid Testing in Schools and Colleges (30 December 2020). It should be read in conjunction with this document and other material available in the **DFE Portal**:

https://drive.google.com/drive/folders/1jYv0MjFyllbZgPn_1S10OuRgfrj_b5_P

referenced within this guide. We note this portal is being regularly updated by the DFE.

Lateral Flow Device Testing

Staff and pupils will be tested using a validated Lateral Flow Device. Up to a third of individuals who test positive for COVID-19 have no symptoms at all and can therefore spread it unknowingly. That is why the testing of people without symptoms is vital. Identifying those individuals will save lives. This is what is known as 'mass testing'. In validation studies conducted by Oxford University and Public Health England, they were shown to be as accurate in identifying a case as a PCR test (99.8% specificity). The tests have lower sensitivity, but they are better at picking up cases when a person has higher viral load, hence the need to test frequently. When used in combination with other measures such as Personal Protective Equipment (PPE), washing hands regularly and social distancing, these tests further reduce the risk of transmission.

Lateral Flow Device testing (LFD) will be offered to all secondary pupils (twice with a 3-5-day gap between tests) and staff as they return from the Christmas holidays.

Lateral Flow Device testing (LFD) will be offered to all secondary pupils (three times with a 3-5-day gap between tests) before pupils will be given home testing kits to test themselves at home twice per week. (See Lateral Flow Home Testing Risk Assessment)

After this, staff will be tested once a week on an ongoing basis. Pupils and staff will be tested if they come into contact with a positive case. This new approach, known as 'serial contact testing', will allow those who are in close contact with someone with a positive PCR test for COVID-19 to return to school or college if they agree to be tested for 7 days (not including weekends) following last contact with a positive case. Quick Swabbing and processing of these tests will be conducted at a dedicated testing site in college with results available in around 30 minutes. Once a positive result is identified with an LFD it must be validated by a confirmatory off-site PCR test (booked via NHS Test and Trace).

Section 2:

What is the Task/Activity or Environment you are assessing?	What Hazards are present or may be generated? (Use a row for each one identified)	Who is affected or exposed to hazards?	What Precautions (Existing Controls) are already in place to either Eliminate or Reduce the risk of an accident happening?	Likelihood
Periodic testing of staff/ pupils	Member of staff or young person does not participate in periodic testing (eg: weekly staff test or test before returning to school)	All members of school community	Participation is voluntary for the programme and active consent is required by either staff, pupils or their parents/carers as appropriate. If any pupil or staff member does not wish to consent to take part in testing they will still be able to attend unless they develop symptoms or are required to self-isolate because a member of their household is waiting a test result or has tested positive.	Low
Testing arising from serial contact tracing	Non participation	All members of school community	People who decline to participate in serial contact tracing will be required to follow usual national guidelines and are legally obliged to self-isolate according to advice given by the school or NHS Test and Trace service.	Low
	Inability to participate (testing not available at weekend)	All members of school community	Pupils and staff who are close contacts of a positive case should repeat daily tests on school days until 7 negative test days have elapsed. If the week elapses on a non-school day, they must isolate until they can test one final day on the following Monday. If a week spans a weekend then those involved will need to isolate on the Saturday and Sunday.	Low
Storage of test kits	Deterioration of the tests due to storage at wrong temperature. Loss, damage or theft of testing materials.	All members of school community	Secure area allocated for storage of testing kits and PPE according to instructions (between approx. 2 degrees C-30 degrees C)	Low

<p>Arrangements for social distancing, face coverings etc. across the site</p> <p>(Test subjects)</p>	<p>Non-compliance leads to spread of coronavirus.</p>	<p>All members of school community</p>	<p>Face masks: Prominent signage reminding attending subjects of the above will be displayed at the entrance to the building.</p> <p>Face coverings/masks to be worn by subjects at all times whilst on the premises except for brief lowering at time of swabbing.</p> <p>Requirement to wear face covering/mask to be reminded to all subjects in advance at time of communication of testing arrangements.</p> <p>Compliance with wearing of face covering/mask of all subjects to be visually checked on arrival and throughout the building by staff.</p> <p>Hand hygiene: All subjects to use hand sanitiser provided on arrival & adherence to this is enforced by reception staff.</p> <p>Social distancing: Two metre social distancing to be maintained between subjects with measured floor markings in place to ensure compliance in addition to verbal reminders if necessary from reception, queue management & sampling staff.</p> <p>A one-way flow of subjects through the building is to be initiated and maintained at all times. Compliance with this is to be ensured by queue management staff.</p> <p>Cleaning: Regular cleaning of the site including wipe down of all potential touchpoints is accordance with PHE guidance.</p>	<p>Low</p>
<p>Test site set up</p>		<p>Testing workforce</p>	<p>Testing site to be set out according to the COVID-19 Schools and Colleges Handbook:</p> <ul style="list-style-type: none"> • Test site flooring is non-porous and area cleanable with approved cleaning product • Site well lit; good airflow and no recirculation of air • Ambient temperature to be 15-30 degrees C for the lateral flow devices to operate and 2-30 degrees C for storing them. 	<p>Low</p>

			<ul style="list-style-type: none"> • Registration desk at the first point where the individual being tested would enter the test site. • One-way direction of travel for pupils or staff being tested. If not, space will be provided for those being tested to leave whilst maintaining social distance from other test subjects. • Test subject chairs in swabbing bay to be a minimum of 2m apart • Each swabbing area will have a processing desk close by – no more than 1m away. Recording desk to be located close by. • Clear segregation to be in place between swabbing and processing area. Signage is in place to indicate that those being tested must not enter the processing area. • Waste disposal arrangements in place with clinical waste contractor (see below). 	
<p>Buffer solution used in test processing. COSHH</p>	<p>Injury resulting from contact with solution. Eg: spillages, splashes etc.</p>	<p>All members of school community</p>	<p>Extraction solution which comes with the lab test kit contains the following components: Na_2HPO_4 (disodium hydrogen phosphate), NaH_2PO_4 (sodium phosphate monobasic), NaCl (Sodium Chloride).</p> <p>These components do not have any hazard labels associated with them, and the manufacturer states that there are no hazards anticipated under conditions of use as described in other product literature. This is the case for exposure to: eye, skin, inhalation, ingestion, chronic toxicity, reproductive and developmental toxicity, carcinogenicity, and medical conditions aggravated by exposure.</p> <p>PPE: nitrile gloves which meet the Regulation (EU) 2016/425 to be used at all times when handling the extraction solution. Safety glasses with side shields which are tested and approved under appropriate government standards to be worn at all times when handling the extraction solution. Impervious clothing to be worn to protect the body from splashes or spillages.</p> <p>Environmental: We will not let the product enter drains</p> <p>Spillages: wipe surfaces which the solution has been spilt on, and dispose of cleaning material in line with the lab's waste disposal procedures described below.</p> <p>Solution will not be used if it has expired</p>	<p>Low</p>

			<p>Training to be provided in handling potentially biohazardous samples, chemicals and good processing practice. We will adhere to guidelines in these training procedures to prevent improper handling.</p> <p>We will locate and follow procedures on the MSDS form provided by Innova to mitigate against inhalation, skin contact or ingestion of these chemicals.</p>	
Waste disposal		All members of school community	<p>All LFD packaging and general waste – black bag USE GENERAL WASTE BIN</p> <p>Swabs, tissues, cartridges yellow bag or clear bag (unmarked). USE MEDICAL WASTE BIN</p> <p>PPE Mop heads/ cloths – Tiger bag (yellow with black stripes). USE MEDICAL WASTE BIN</p> <p>Arrangements are in place with our waste contractor to obtain suitable waste receptacles and to collect medical waste.</p>	
Workforce requirements	<p>Inadequate training and supervision of staff leads to:</p> <ul style="list-style-type: none"> • Transmission of the virus • Injury or distress to participants/ colleagues • Inaccurate test results 	All members of school community	<p>Staff involved to complete mandatory training. Records to be retained.</p> <p>Supervision from school quality assurance lead.</p> <p>Walk through to be provided before starting the process.</p> <p>Opportunities for workforce involved to review process/ update training as required.</p> <p>Use of competency checklists for key roles</p> <p>(See DFE Portal for updates).</p>	
	Lack of DBS check leads to recruitment of unsuitable adults working with children. Potential for abuse.	All members of school community	DBS checks will be obtained for all adults involved in administering this process. Those without DBS to work under the supervision of a person with DBS until outcome of check is received.	Low
	Lack of awareness of school safeguarding protocols puts children and workforce at risk.	All members of school community	Safeguarding (also health and safety/ fire safety/ lockdown) briefing to be provided to the workforce.	Low

	Lack of PPE or inappropriate use of PPE.	Testing workforce	<p>PPE to be provided by DFE and allocated to workforce according to requirements set out in Schools Handbook. If correct PPE is not available testing will not take place.</p> <p>All staff to complete training module: Infection Prevention and Control which includes information on correct donning and doffing of PPE.</p> <p>Posters available in test site to remind workforce of correct use and requirements.</p> <p>PPE to be disposed of in medical waste bins.</p>	Low
	Injury whilst manual handling equipment/ furniture	Testing workforce	Movement of heavy items eg: tables, partitions, testing materials to be carried out by staff who have received manual handling training.	Low
Staff welfare	<p>Contamination of personal items welfare items etc.</p> <p>Dehydration of the testing workforce.</p>	Testing workforce	<p>Staff advised that no personal items to be brought into test site, including food and drink. Disposable water glasses/bottles may be provided in a dedicated area to support hydration during a long testing session but should only be taken after removing PPE and proper handwashing. All disposables to be discarded before leaving test area.</p> <p>All PPE must be removed before leaving the testing area including visits to the toilet. Visiting staff will be advised of the location of these facilities as part of their site induction.</p> <p>Breaks will be provided and a separate area provided for workforce to take their breaks which could be the school staffroom. Face coverings (not PPE used in testing area) to be worn in line with school protocols when accessing wider school building.</p>	Low
School transport	Transmission of the virus leading to ill health or potential death	All members of school community	Segregation of pupils involved in serial contact testing on school transport where possible.	Low
Arrival at school prior to test	Student or member of staff with symptoms of coronavirus arrives at school. Potential to infect others	All members of school community	All subjects will be advised in advance not to attend if they have any symptoms of COVID 19, or live with someone who is showing symptoms of COVID 19 (including a fever and/or new persistent cough) or if they have returned within 10 days from a part of the world affected by the virus or have been in close contact with someone who is displaying symptoms.	Low

			Parental consent will have been sought and received before pupil attends testing site.	
	Transmission of virus as a result of poor social distancing etc	All members of school community	<p>Full instructions re: social distancing and testing process provided to all participants prior to arrival at site.</p> <p>Prior to registration students to wait 2m apart wearing face coverings.</p> <p>Staggered arrival times and provision made to separate bubbles.</p> <p>Supervision from school staff in place.</p>	Low
Welcome & registration	<p>Misuse of child's data</p> <p>Testing without parental consent or consent of staff member</p>	Test subject (pupil or staff)	<p>Consent template to be completed by parent/carer before testing commences.</p> <p>11-15-year olds may self-swab (their nose and throat) with supervision from an appropriate member of staff ONLY if they have permission from their parent/carer.</p> <p>Those aged 16+ may self-swab provided that site staff are satisfied that they're 'Gillick Competent' (able to consent to their own medical treatment without parent or guardian present).</p> <p>Staff to complete consent forms</p> <p>Parents/carers, pupils and school staff to have access to Privacy Notice describing how their data will be used.</p> <p>Test subject will not be permitted to enter testing area until all consents have been checked by Registration Staff.</p>	Low
Sample taking	Injury or distress to pupil during the swabbing process (Those able to self-swab)	Test subject (pupil or staff)	<p>Testing Assistant present to provide verbal support as required.</p> <p>Instructions provided in each swabbing area.</p> <p>Mirror provided (on wall) to support self-swabbing.</p> <p>Staff trained to deal with potential issues eg: removal of nose piercing. But NOT to carry out swabbing.</p>	Low

	Injury or distress to pupil/staff during the swabbing process (Those not able to self-swab)	Test subject (pupil or staff)	Trained person to support or carry out swabbing. (Further guidance and support to be provided – see updates on porta)	Low
	Use of testing area by consecutive subjects leads to contamination.	All members of school community	Subject to sanitise their hands on entry and leaving test cubicle/area. Wipes to be provided to test subjects to clean down mirrors and areas that they have touched whilst in the cubicle. Bin in cubicle.	Low
Sample Transport	Contact with sample Contact between subjects and staff increasing the risk of transmission of COVID19:	Test subject (pupil or staff)	Staff to wear PPE as described in Schools and Colleges Handbook. Samples to be transferred using receptacles provided. Signage advises that test subjects must not enter processing area.	Low
Sample processing and analysis	Contact between subjects and staff increasing the risk of transmission of COVID19:	All members of school community	Access to area restricted to processing and recording staff only. All to be wearing PPE as described in Schools and Colleges Handbook. Processing of samples to be completed by staff who have completed relevant training module ONLY. Processing will be carried out following the process set out in the training. Quality control measures in place as described in competency framework.	Low
Recording Process and disposal of sample	Cross contamination of samples. Contamination of Recorder from samples	Test subject (pupil or staff)	One sample to be recorded at a time. Then SCAN LOG CLEAN for each sample. (As described in prescribed training). Samples to be disposed of in medical bin (yellow bag).	Low
Incorrect result communication	Wrong samples miscoding of results	Test subject (pupil or staff)	<ul style="list-style-type: none"> • 2 identical barcodes are provided to subject at check in • The subject registers their details to a unique ID barcode before conducting the test. • Barcodes are attached by trained staff at the sample processing area. 	Low

			<ul style="list-style-type: none"> Barcodes are checked for congruence at the analysis station and applied to Lateral Flow Device at this station. 	
Damaged barcode, lost LFD, failed scan of barcode	Orphaned record on registration portal & No result communicated to individual.	Test subject (pupil or staff)	Subjects are called for a retest.	Low
Reintegration of pupils into school	Potential for infected person to come into contact with other individuals.	All members of school community	When the testing is part of routine weekly or mass testing, individuals can return to regular school or college activities. However, anyone tested as part of the daily/serial testing of contacts programme will need to wait somewhere before being allowed to begin normal school/college activities until they receive a negative test result. These holding spaces will be separated for each group of close contacts and cleaned after all individuals leave.	Low
Management of results	Failure to respond to positive LFT means that a pupil/ staff member who potentially has coronavirus comes into contact with the school community.	All members of school community	<p>Arrangements will be made for anyone with a positive LFT to isolate and leave the premises (pupils to be collected by a parent/carer) and take a confirmatory PCR test. (NB: Parent/carer will be informed of result via an email from NHS test and trace however school will need to take proactive action in the meantime).</p> <p>A COVID-19 Test Register will be set up (this is mandatory). This will enable the school to track results. We will use this so that we know when someone has tested positive or gets a void result. This will allow us to ensure that people self-isolate or are retested.</p> <p>The COVID -19 Test Register will be retained for a minimum of 14 days and will be securely destroyed within 1 month of the testing programme ending. This is to comply with data protection law.</p>	Low