



Lakelands

Academy

Asthma Policy

Next Review Autumn 2029

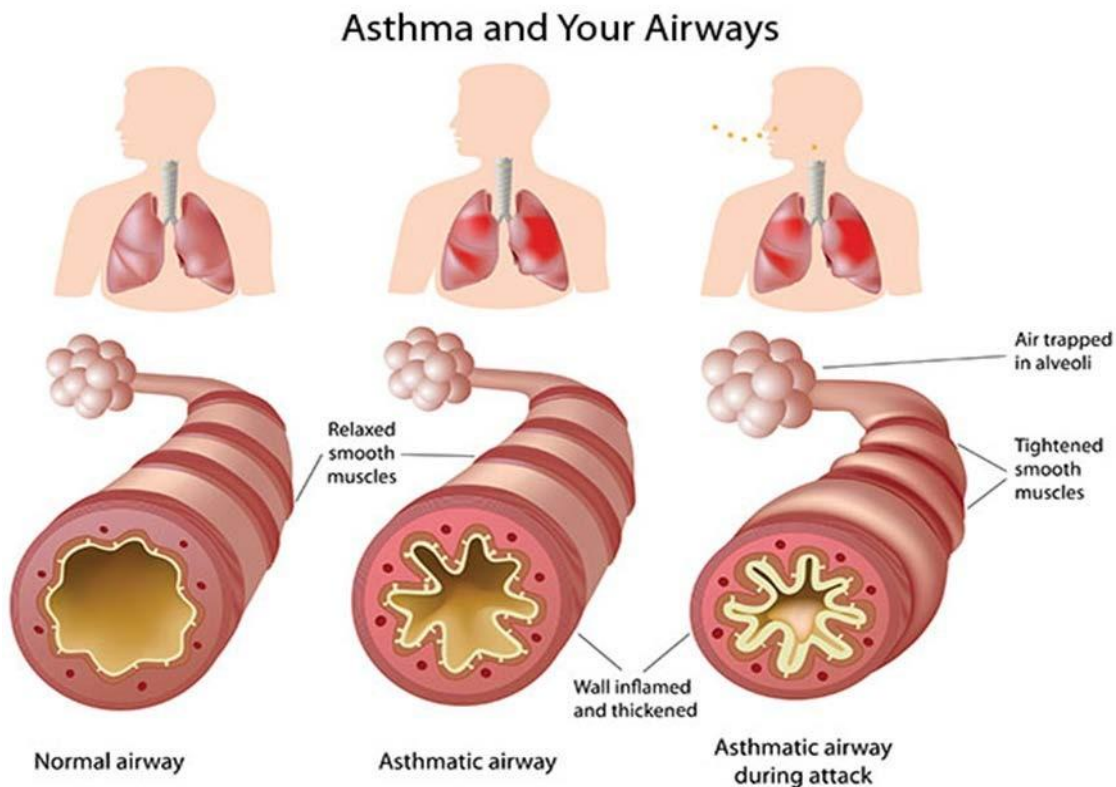
Headteacher/Principal Mr Mark Hignett

Asthma Leads Rhiannon Jones Llinos Evans and Helen Cooper

School Nursing team Shropshire Community Health – Shropshire School Nurses

Asthma

Asthma is a condition that affects small tubes (airways) that carry air in and out of the lungs. When a person with asthma comes into contact with something that irritates their airways (an asthma trigger), the muscles around the walls of the airways tighten so that the airways become narrower and the lining of the airways becomes inflamed and starts to swell. Sometimes, sticky mucus or phlegm builds up, which can further narrow the airways. These reactions make it difficult to breathe, leading to symptoms of asthma.



As a school, we recognise that asthma is a widespread, serious, but controllable condition. Lakelands Academy welcomes all pupils with asthma and aims to support

these children in participating fully in school life. We endeavour to do this by ensuring we have:

- ✓ an asthma register
- ✓ up-to-date asthma policy,
- ✓ an asthma lead,
- ✓ all pupils with immediate access to their reliever inhaler at all times,
- ✓ all pupils have an up-to-date asthma action plan,
- ✓ an emergency salbutamol inhaler
- ✓ ensure all staff have regular asthma training, ☐ promote asthma awareness pupils, parents and staff.

Asthma Register

We have an asthma register of children within the school, which we update yearly. We do this by asking parents/carers if their child is diagnosed as asthmatic or has been prescribed a reliever inhaler. When parents/carers have confirmed that their child is asthmatic or has been prescribed a reliever inhaler we ensure that the pupil has been added to the asthma register and has:

- an up-to-date copy of their personal asthma action plan,
- their reliever (salbutamol/terbutaline) inhaler in school,
- permission from the parents/carers to use the emergency salbutamol inhaler if they require it and their own inhaler is broken, out of date, empty or has been lost. (Appendix 1)

Asthma Lead

Lakelands Academy has asthma leads named above. It is the responsibility of the asthma lead to manage the asthma register, update the asthma policy, manage the emergency salbutamol inhalers (please refer to the Department of Health Guidance on the use of emergency salbutamol inhalers in schools, March 2015) ensure measures are in place so that children have immediate access to their inhalers.

Medication and Inhalers

All children with asthma should have immediate access to their reliever (usually blue) inhaler at all times. The reliever inhaler is a fast acting medication that opens up the airways and makes it easier for the child to breathe.

Some children will also have a preventer inhaler, which is usually taken morning and night, as prescribed by the doctor/nurse. This medication needs to be taken regularly for maximum benefit. Children should not bring their preventer inhaler to school as it should be taken regularly as prescribed by their doctor/nurse at home. However, if the pupil is going on a residential trip, we are aware that they will need to take the inhaler with them so they can continue taking their inhaler as prescribed.

Children are encouraged to carry their reliever inhaler as soon as they are responsible enough to do so

Academy staff are not required to administer asthma medicines to pupils however many children have poor inhaler technique, or are unable to take the inhaler by themselves. Failure to receive their medication could end in hospitalisation or even death. Staff who have had asthma training, and are happy to support children as they use their inhaler, as this can be essential for the well-being of the child. If we have any concerns over a child's ability to use their inhaler we will refer them to the school nurse and advise parents/carers to arrange a review with their GP/nurse. Please refer to the medicines policy for further details about administering medicines. (Source: Asthma UK)

Asthma Action Plans

Asthma UK evidence shows that if someone with asthma uses personal asthma action plan they are four times less likely to be admitted to hospital due to their asthma. As a school, we recognise that having to attend hospital can cause stress for a family. Therefore we believe it is essential that all children with asthma have a personal asthma action plan to ensure asthma is managed effectively within school to prevent hospital admissions.

Staff training

Lakelands staff will have regular asthma updates. This training is provided by the school nursing team.

School Environment

Lakelands Academy does all that it can to ensure the school environment is favourable to pupils with asthma. We have a definitive no-smoking policy. Pupil's asthma triggers will be recorded as part of their asthma action plans and the school ensures that pupil's will not come into contact with their triggers, where possible.

We are aware that triggers can include:

- *Colds and infection*
- *Dust and house dust mite*
- *Pollen, spores and moulds*
- *Feathers*
- *Furry animals*
- *Exercise, laughing*
- *Stress*
- *Cold air, change in the weather*
- *Chemicals, glue, paint, aerosols*
- *Food allergies*
- *Fumes and cigarette smoke*

As part of our responsibility to ensure all children are kept safe within the school grounds and on trips away, a risk assessment is performed by staff. These risk assessments establish asthma triggers which the children could be exposed to and plans are put in place to ensure these triggers are avoided, where possible.

Exercise and activity

Taking part in sports, games and activities is an essential part of school life for all pupils. All staff know which children in their class have asthma and all PE teachers at the school are aware of which pupils have asthma from the Academy asthma register.

Pupils with asthma are encouraged to participate fully in all activities. PE teachers remind pupils whose asthma is triggered by exercise to take their reliever inhaler before the lesson, and to thoroughly warm up and down before and after the lesson. It is agreed with PE staff that pupils who are mature enough will carry their inhaler with them and those that are too young will have their inhaler labelled and kept in a box at the site of the lesson. If a pupil needs to use their inhaler during a lesson they will be encouraged to do so.

There has been a large emphasis in recent years on increasing the number of children and young people involved in exercise and sport in and outside of school. The health benefits of exercise are well documented, and this is also true for children and young people with asthma. It is therefore important that the school involve pupils with asthma as much as possible in and outside of school. The same rules apply for out of hours sport as during school hours PE. (Source: Asthma UK)

When asthma is affecting a pupil's education

We are aware that the aim of asthma medication is to allow people with asthma to live a normal life. Therefore, if we recognise that if asthma is impacting on their life a pupil, and they are unable to take part in activities, tired during the day, or falling behind in lessons we will discuss this with parents/carers, the school nurse, with consent, and suggest they make an appointment with their asthma nurse/doctor. It may simply be that the pupil needs an asthma review, to review inhaler technique, medication review or an updated Personal Asthma Action Plan, to improve their symptoms. However, the Academy recognises that Pupils with asthma could be classed as having disability due to their asthma as defined by the Equality Act 2010, and therefore may have additional needs because of their asthma.

Emergency Salbutamol Inhaler in school

We are aware of the guidance 'The use of emergency salbutamol inhalers in schools from the Department of Health' (March, 2015) which gives guidance on the use of

emergency salbutamol inhalers in schools [This can be found on the Gov.uk website.](#)

As a school we are able to purchase salbutamol inhalers and spacers from community pharmacists without a prescription. [We do this by using a signed request by the Head teacher on Lakelands Academy letterheaded paper.](#)

We have **2** emergency kit(s), which are kept in the **Inner Office at Reception** so it is easy to access. Each kit contains:

- A salbutamol metered dose inhaler;
- At least two spacers compatible with the inhaler;
- Instructions on using the inhaler and spacer;
- Instruction on cleaning and storing the inhaler;
- Manufacturer's information;
- A checklist of inhalers, identified by their batch number and expiry date, with monthly checks recorded;
- A list of children permitted to use the emergency inhaler;
- A record of administration

We understand that salbutamol is a relatively safe medicine, particularly if inhaled, but all medicines can have some adverse effects. Those of inhaled salbutamol are well known, tend to be mild and temporary and are not likely to cause serious harm. The pupil may feel a bit shaky or may tremble, or they may say that they feel their heart is beating faster.

We will ensure that the emergency salbutamol inhaler is only used by children who have asthma or who have been prescribed a reliever inhaler, and for whom written parental consent has been given. The Academy's asthma lead and team will ensure that:

- on a monthly basis the inhaler and spacers are present and in working order, and the inhaler has sufficient number of doses available;
- replacement inhalers are obtained when expiry dates approach;
- replacement spacers are available following use;
- the plastic inhaler housing (which holds the canister) has been cleaned, dried and returned to storage following use, or that replacements are available if necessary. Before using a salbutamol inhaler for the first time, or if it has not been used for 2 weeks or more, shake and release 2 puffs of medicine into the air

Any puffs are documented so that it can be monitored when the inhaler is running out,

The inhaler has 200 puffs, so when they get to 20 puffs having been used we will arrange for them to be replaced.

Each inhaler can be reused, so long as they haven't come into contact with any bodily fluids. Following use, each inhaler canister will be removed and the plastic inhaler housing and cap will be washed in warm running water, and left to dry in air in a clean safe place. The canisters will be returned to the housing when dry and the cap replaced.

Spent inhalers will be returned to the pharmacy to be recycled.

The emergency salbutamol inhaler will only be used by pupils:

- Who have been diagnosed with asthma and prescribed a reliever inhaler OR who have been prescribed a reliever inhaler **AND** for whom written parental consent for use of the emergency inhaler has been given.

Common 'day to day' symptoms of asthma

We require that children with asthma have a personal asthma action plan which can be provided by their doctor / nurse. These plans inform us of the day-to-day symptoms of each child's asthma and how to respond to them in an individual basis. We send home our own information and consent form for every child with asthma each academic year (*see appendix 1*). [The consent form can be found under the FORMS section in Parentmail and](#) needs to be returned immediately and copies are kept with our asthma register.

However, we also recognise that some of the most common day-to-day symptoms of asthma are:

- Dry cough
- wheeze (a 'whistle' heard on breathing out) often when exercising
- Shortness of breath when exposed to a trigger or exercising
- Tight chest

These symptoms are usually responsive to the use of the child's inhaler and rest (e.g. stopping exercise). We would not usually require the child to be sent home from school or to need urgent medical attention unless their condition doesn't improve after 10 puffs or the member of staff is particularly worried.

Asthma Attacks

The Academy recognises that if all of the above is in place, we should be able to support pupils with their asthma and hopefully prevent them from having an asthma attack. However, we are prepared to deal with asthma attacks should they occur.

All staff receive an asthma update annually, and as part of this training, they are taught how to recognise an asthma attack and how to manage an asthma attack.

The department of health Guidance on the use of emergency salbutamol inhalers in schools (March 2015) states the signs of an asthma attack are:

- Persistent cough (when at rest)
- A wheezing sound coming from the chest (when at rest)
- Difficulty breathing (the child could be breathing fast and with effort, using all accessory muscles in the upper body)
- Nasal flaring
- Unable to talk or complete sentences. Some children will go very quiet
- May try to tell you that their chest 'feels tight' (younger children may express this as tummy ache)

If the pupil is showing these symptoms we will follow the guidance for responding to an asthma attack recorded below. However, we will also call an ambulance immediately and commence the asthma attack procedure without delay if the child:

*Appears exhausted

*is going blue

*Has a blue/white tinge around lips

*has collapsed

The guidance explains that in the event of an asthma attack:

- Keep calm and reassure the child
- Encourage the child to sit up and slightly forward
- Use the child's own inhaler – if not available, use the emergency inhaler
- Remain with the child while the inhaler and spacer are brought to them
- *Shake the inhaler and remove the cap
- *Place the mouthpiece between the lips with a good seal, or place the mask securely over the nose and mouth
- *Immediately help the child to take two puffs of salbutamol via the spacer, one at a time.(1 puff to 5 breaths)
- If there is no improvement, repeat these steps* up to a maximum of 10 puffs
- Stay calm and reassure the child. Stay with the child until they feel better. The child can return to school activities when they feel better.
- If you have had to treat a child for an asthma attack in school, it is important that we inform the parents/carers and advise that they should make an appointment with the GP

- If the child has had to use 6 puffs or more in 4 hours the parents should be made aware and they should be seen by their doctor/nurse.
- If the child does not feel better or you are worried at ANYTIME before you have reached 10 puffs, call 999 FOR AN AMBULANCE and call for parents/carers.
- If an ambulance does not arrive in 10 minutes give another 10 puffs in the same way
- A member of staff will always accompany a child taken to hospital by an ambulance and stay with them until a parent or carer arrives

- **References**

- Asthma UK website (2015)
- Asthma UK (2006) School Policy Guidelines.
- BTS/SIGN asthma Guideline
- Department of Health (2014) Guidance on the use of emergency salbutamol inhaler in schools

Appendix A



ASTHMA CARE PLAN & EMERGENCY INHALER CONSENT

Student Name:

.....

Date of Birth: Form

Group.....

Address:

.....
.....

Parents Contact Details:

(1).....

(2).....

(3).....

Please tick appropriate box:

Diagnosed Level – Mild/Moderate () OR Severe ()

Medication/Inhaler held in School () Student holds own Medication ()

GP Surgery Name & Telephone

Number.....

Please describe some of the signs, symptoms & triggers that your son/daughter may have with their asthma:

.....
.....
.....
.....

Describe their daily medication routine, both at home and at school, including the name of their asthma medicine (this is so that we have an understanding of things that happen outside of school that may affect things that happen in school).

.....
.....
.....
.....

I can confirm that my child has been diagnosed with asthma and has been prescribed with an inhaler

Please note it is the parent's responsibility to have a working, in date inhaler, clearly labelled with their child's name, which they will either be held by school or they will carry in their school bag. Parents are responsible to tell the academy of any changes in your child's condition and/or their medication.

In the event of my child displaying symptoms of asthma, and if their inhaler is not available or unusable, I consent that my child be given Ventolin from a school's emergency inhaler. This includes any school activities, trips and or sporting fixtures which take place away from the academy site.

PLEASE SIGN BELOW

Parent signature.....

Date.....

Name (print)

.....

Email address:

.....

The school will not give your child medicine unless you complete and sign this form

Name of child	
Date of birth	
Medical condition or illness	
Name and phone no. of GP	

Name/type of medicine <i>(as described on the container)</i>	
Dosage and method	
Are there any side effects that the school needs to know about?	
Procedures to take in an emergency	
Quantity Received	
Expiry Date	
Quantity Returned	

Contact Details

Name	
Daytime telephone no.	
Relationship to child	
Address	

I give school permission for permitted staff to administer medication to my child when necessary and as directed by a healthcare professional/parent.

I accept that this is a service that the school is not obliged to undertake.

I understand that I must notify the school of any changes to my child's medication in writing.

Date _____ Signature(s) _____

Please note: It is your responsibility to ensure that the school is kept informed about changes to your child's medicines, including how much they take and when. It is also your responsibility to provide the school with medication that is clearly labelled and in date.

Pupil name:	DOB:
Medication:	
Dose:	
Received:	
Expiry:	

Medical Administration Record

MEDICATION CAN ONLY BE ACCEPTED IF IN CORRECT, ORIGINAL PACKAGING WITH DOSAGE LABEL INTACT. SEE CARE PLAN FOR ACCOMPANYING INFORMATION E.G KNOWN SIDE EFFECTS, REFUSAL PLANS ETC

Date	Time	Received (Number)	Outgoing (Number)	Administered by	Quantity Left

Appendix 2

Symptoms of an asthma attack

- Not all symptoms listed have to be present for this to be an asthma attack.
- Symptoms can get worse very quickly.
- If in doubt, give emergency treatment.
- Side effects from salbutamol tend to be mild and temporary. These side effects include feeling shaky, or stating that the heart is beating faster.

Cough

A dry persistent cough may be a sign of an asthma attack.

Chest tightness or pain

This may be described by a child in many ways including a 'tight chest', 'chest pain', tummy ache

Shortness of breath

A child may say that it feels like it's difficult to breathe, or that their breath has 'gone away'

Wheeze

A wheeze sounds like a whistling noise, usually heard when a child is breathing out. A child having an asthma attack may, or may not be wheezing.

Increased effort of breathing

This can be seen when there is sucking in between ribs or under ribs or at the base of the throat. The chest may be rising and falling fast and in younger children, the stomach may be obviously moving in and out. Nasal flaring.

Difficulty in speaking

The child may not be able to speak in full sentences

Struggling to breathe

The child may be gasping for air or exhausted from the effort of breathing

CALL AN AMBULANCE IMMEDIATELY, WHILST GIVING EMERGENCY TREATMENT IF THE CHILD

- Appears exhausted
- Has blue/white tinge around the lips
- Is going blue
- Has collapsed

Administering reliever inhaled therapy through a spacer

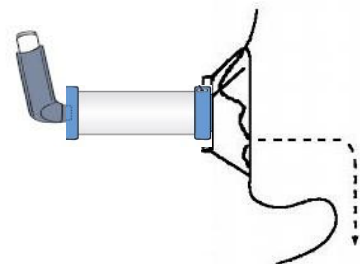
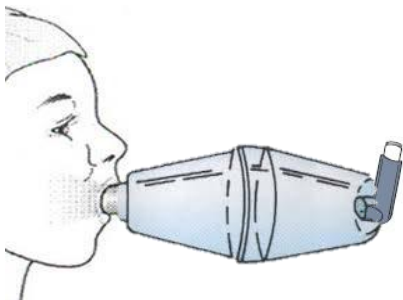
A metered dose inhaler can be used through a spacer device. **If the inhaler has not been used for 2 weeks then press the inhaler twice into the air to clear it.**

A Spacer might

- Orange
- Yellow
- Blue
- Clear

A spacer may have

- A mask
- A mouthpiece



1. Keep calm and reassure the child
2. Encourage the child to sit up
3. Remove cap from inhaler
4. Shake inhaler and place it in the back of the spacer
5. Place mouthpiece in mouth with a good seal, (or if using the mask place securely over the mouth and nose)
6. Encourage the child to breathe in and out slowly and gently
7. Depress the canister encouraging the child to continue to breathe in and out for 5 breaths
8. Remove the spacer
9. Wait 30 seconds and repeat steps 2-6
10. Assess for improvement in symptoms

Dependent on response steps 2-7 can be repeated according to response up to 10 puffs.

If there is no improvement **CALL 999**. If help does not arrive in 10 minutes give another 10 puffs in the same way.

If the child does not feel better or you are worried **ANYTIME** before you have reached 10 puffs, **call 999 for an ambulance and continue to treat as above.**