### A BETTER MEDWAY

Easier ways to be healthy

### Child and Adolescent Overweight and Obesity

Tessa Attwood Public Health Project Manager Adult and Children's Obesity Treatment services NCMP Lead



### Defining Obesity

Overweight and obesity are defined as abnormal or excessive fat accumulation that presents a risk to health.

In adults, a body mass index (BMI) over 25 is considered overweight, and over 30 is obese.

In children aged between 5–19 years, overweight is BMI-for-age greater than 1 standard deviation above the WHO Growth Reference median; and obesity is greater than 2 standard deviations above the WHO Growth Reference median.

In children under 5 years of age, overweight is weight-for-height greater than 2 standard deviations above WHO Child Growth Standards median.

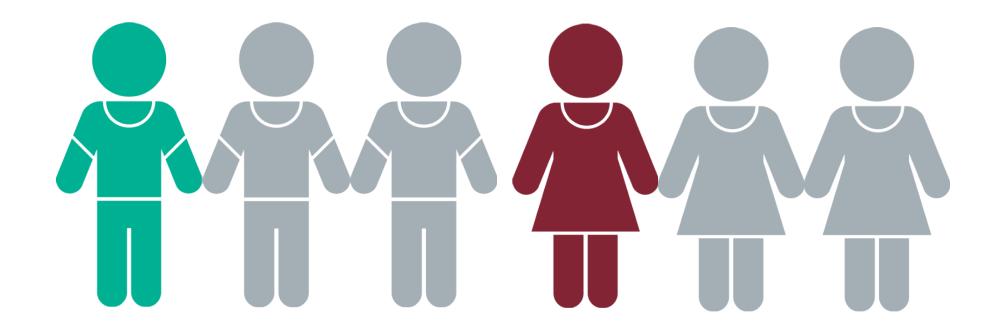




#### Prevalence of excess weight among children

National Child Measurement Programme 2019/20

More than 1 in 3 children in Year 6 (aged 10-11 years) is overweight or obese (boys 37.7%, girls 32.5%, all children 35.2%)

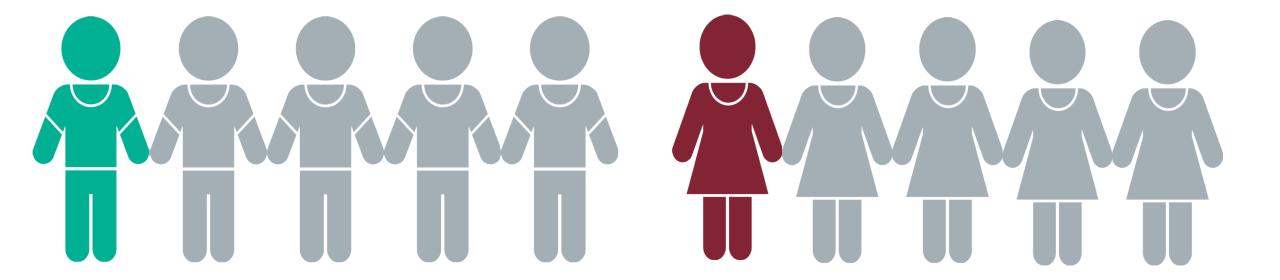




#### Prevalence of obesity among children

National Child Measurement Programme 2019/20

Around 1 in 5 children in Year 6 (aged 10-11 years) is obese (boys 23.6%, girls 18.4%, all children 21.0%)



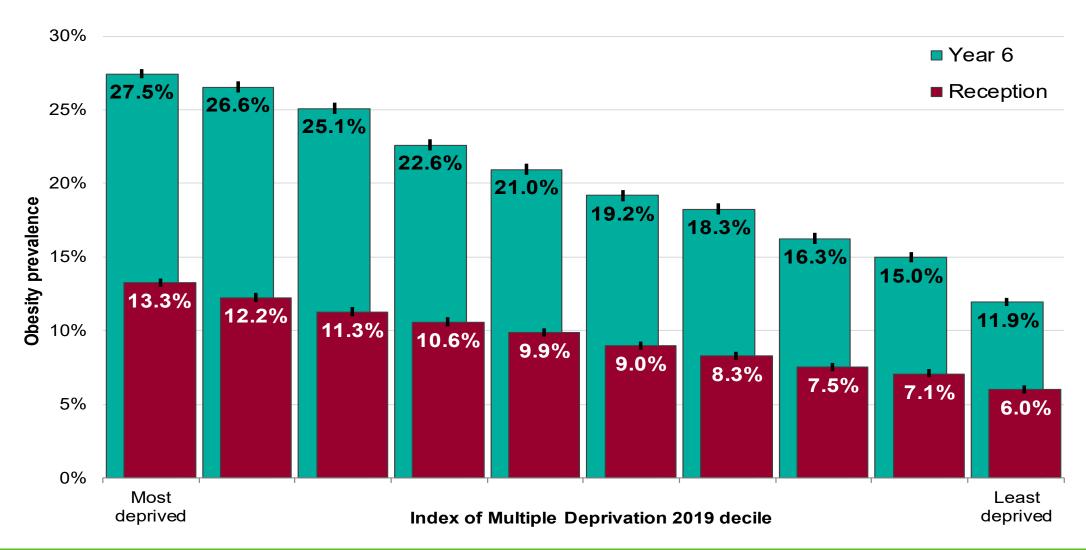






#### Obesity prevalence by deprivation decile

National Child Measurement Programme 2019/20





#### Obesity prevalence by ethnic group

National Child Measurement Programme 2019/20

#### Children in Reception (aged 4-5 years)

Children in Year 6 (aged 10-11 years)

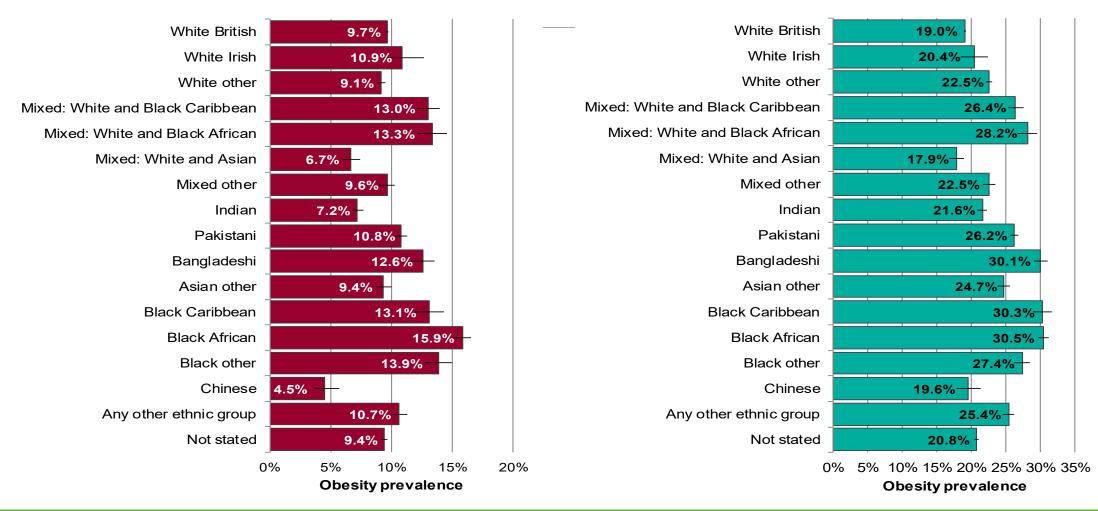


Figure 1: obesity prevalence by age and sex between 2006 to 2007 and 2020 to 2021

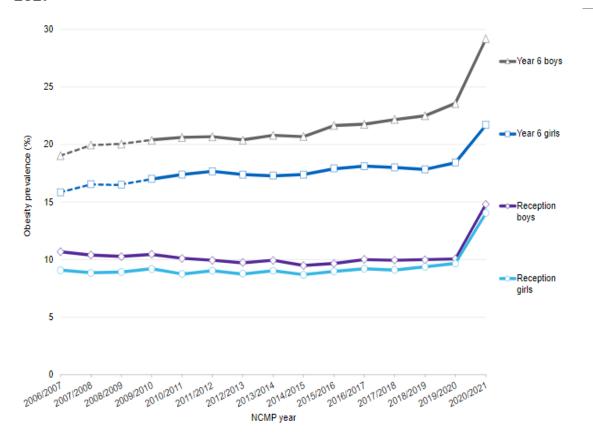
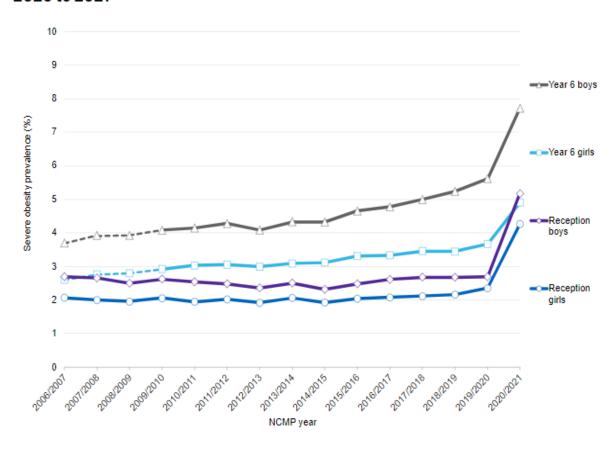
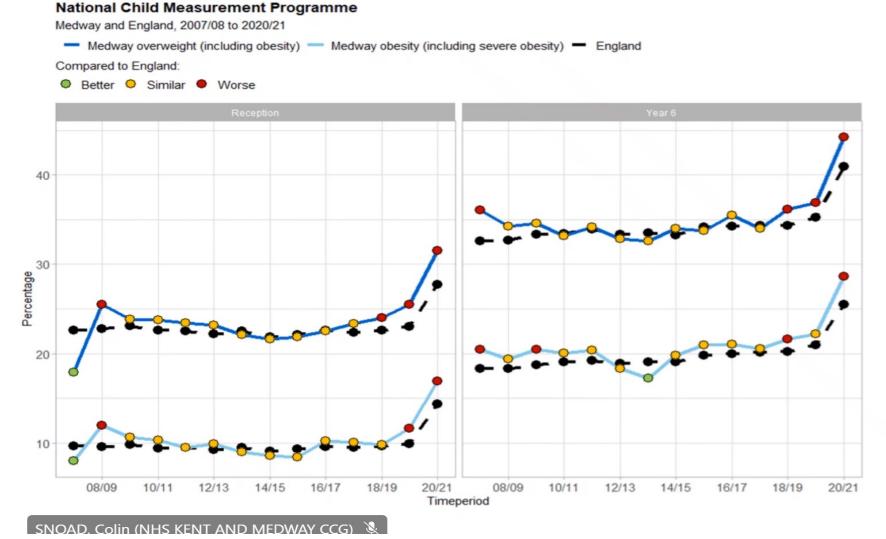


Figure 2: severe obesity prevalence by age and sex between 2006 to 2007 and 2020 to 2021



### Where are we currently in Medway - 2020-21 NCMP



There has been a large rise in excess weight in children in Year R and Year 6 (and presumably other years) both locally and nationally.

The rise is far larger than any change we have seen since the national childhood measurement programme began.

Work will be undertaken to see if the rise is limited to particular areas.

It remains to be seen whether this will be a short-term change, or one that endures.

Our challenge is to reverse this.



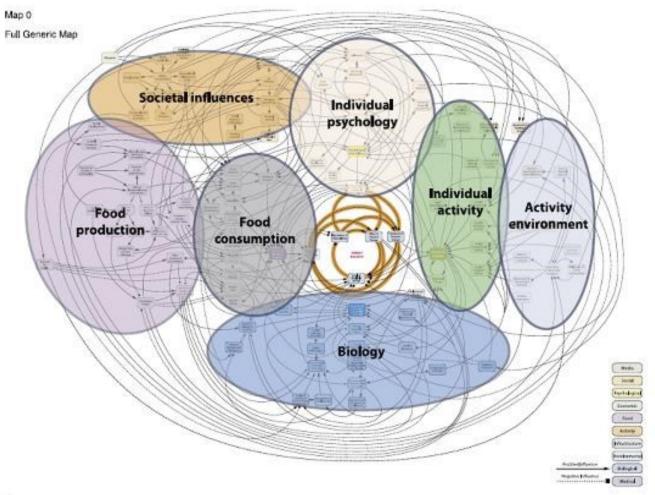


### Adolescents

- 1/3 of UK teenagers are starting adult life with excess weight
- 1 in 7 overweight (14%) aged 17
- 1 in 5 (21%) were obese aged 17
- Rates higher within areas of deprivation (x2 higher than richest households)



#### Foresight Report, 2007



"At first glance, the cause of obesity seems simple. Over a period of time, energy intake exceeds energy expenditure. But this simplistic view, which is widely held to be true, hides the intricacies inherent in how we acquire and use energy. In fact, the causes of obesity are complex and multifaceted".

https://www.gov.uk/government/publications/reducing-obesity-future-choices



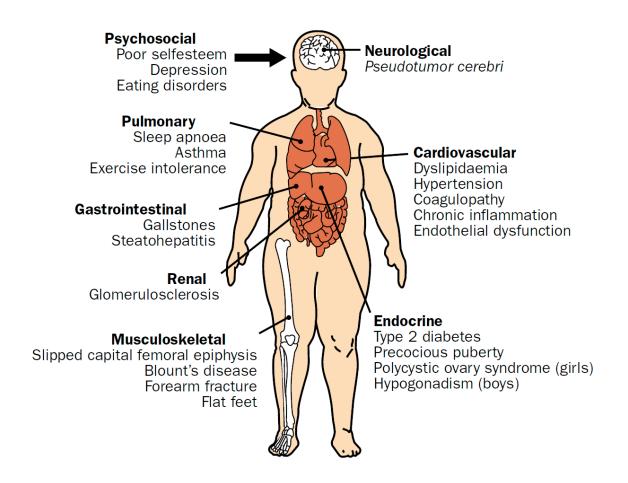




#### Obesity harms health Depression Heart **Stroke** Sleep and disease apnoea anxiety **Asthma** Cancer Type 2 Liver diabetes disease Osteoarthritis Reproductive Back pain complications



#### **COMPLICATIONS OF CHILDHOOD OBESITY**



### Reasons for concern

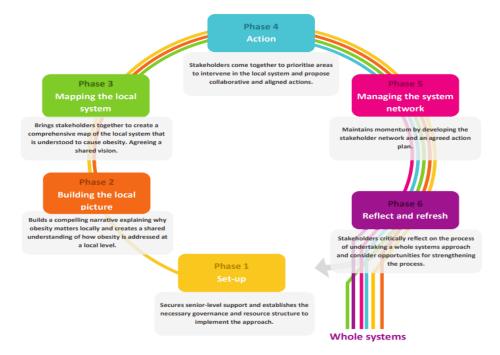




#### Overview of the whole systems approach

Figure 5 and 6 provide a diagrammatic outline of the step-by-step process for implementing a whole systems approach. The process is cyclical. Figure 6 presents it linearly to accommodate the key steps.

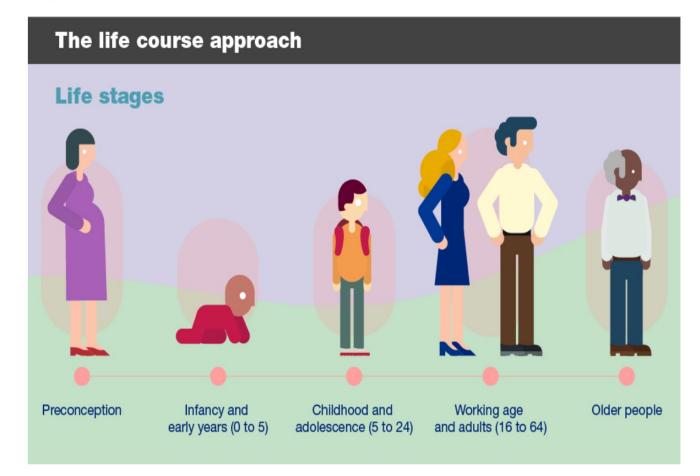
Figure 5: Process for implementing whole systems approach



https://assets.publishing.service.gov.uk/government/uploads/system/uploads/att achment data/file/820783/Whole systems approach to obesity guide.pdf



**Health** Matters





### Evidence based interventions



### Evidence based interventions





### Services in Medway for a Healthy Lifestyle

https://www.medway.gov.uk/info/2 00234/healthy\_lifestyle

Medway Sport online fitness channel











#### Fitfix (For Young people aged 13-17)

This free programme is designed to improve young people's fitness as well as improving their knowledge and awareness of making healthier food, drink and lifestyle choices every day.

Personal training, recipes, eating for health, improving self esteem and confidence, body image and wellbeing advice are just some of the areas covered.

For more information contact us on

01634 333 741 or change4life@medway.gov.uk.

All dates on www.abettermedway.co.uk





# TRI3 Service

### Tri 3 (For those with weight above the 98th percentile and their families)

This pilot programme, launched in May 2021, supports children aged 3-18 who are above a healthy weight and above the 98<sup>th</sup> percentile. Supported by a Specialist Practitioner, this service aims to be led by the child/young person to identify their needs in maintaining a healthy lifestyle.

Psychotherapy support in the form of personal development for the child/young person and their families, is also a key part of this service.

For more information contact us on

01634 333 741 or change4life@medway.gov.uk.





#### Tri Club (For families with children aged 5-7 & 7-12)

Helping children and their carers increase their awareness of the importance of both a balanced diet and physical activity as they grow.

These free 12 week fun and interactive courses increase confidence for the whole family around eating for health and also cover other topics such as portion sizes, body image, what's in our food, and much much more.

\*weight management treatment service for under 5s Launching September 2021\* All dates on www.abettermedway.co.uk





Tri Cookery is a course that helps Adults to learn new cookery skills, find out why it's important to eat a balanced diet and try out some tasty, healthy recipes.

This free 6 week course runs in venues across Medway and is suitable for adults who would like to learn new ideas and tips on how to cook

For more information contact us on

01634 333 741 or change4life@medway.gov.uk.





#BESIDE YOU DE LONG TO THE PROPERTY OF THE PRO

Beside You is here to help mums across Kent and Medway feel comfortable and confident in breastfeeding.



#### Before baby arrives

Learn about how breastfeeding is perfect for your new baby and how to get off to a great start.



#### Early days



Your baby is here! Read about what to expect in the first few days and find support when you need it to make breastfeeding work.

#### wearebesideyou.co.uk



#### Challenges

From low milk supply to growth spurts, we have solutions to help get you through any breastfeeding challenge.



#### What's next?

You've got breastfeeding down! Learn what's next and how you can help other women succeed.







### Health Early Years Award

The Healthy Early Years (HEY) Award is a great way to demonstrate that your childcare setting is committed to giving children an enjoyable introduction to healthy food and food education.

It shows parents that you provide tasty and nutritious meals and have embedded healthy living into your workplace practice – from oral health to physical activity.

The HEY Award is open to private, voluntary and independent childcare settings and accredited childminders in Medway

'It gives your setting an opportunity to celebrate all the work you do to support children to be healthy in the Early Years and to share that in our community' *Toni O'Brian - Prima Montessori* 





Little Food Explorers supports families as they introduce baby to solid foods with delicious recipes and dishes they can try together.

Our fun and social groups are especially for the parents and carers of babies aged up to one year.

Groups run during term time, every 8 weeks at various Children & Family Hubs in Medway

For more information contact us on

01634 333 741 or change4life@medway.gov.uk.

All dates on www.abettermedway.co.uk





Little Chefs is a cookery group for families with children aged 2 to 4.

Gain confidence in your cooking skills and learn how to involve your little one in preparing food.

Children will find out where food comes from, how it grows and why we need to eat a variety of foods to stay healthy

Little Chefs is a 6 week course that runs during term-time at a variety of wellbeing centres.

For more information contact us on

01634 333 741 or change4life@medway.gov.uk.

All dates on www.abettermedway.co.uk





Programme Date	Referral Cut Off
Friday 7 <sup>th</sup> May – Friday 22 <sup>nd</sup> July	Friday 23 <sup>rd</sup> April
Friday 17 <sup>th</sup> September – Friday 26 <sup>th</sup> November	Friday 3 <sup>rd</sup> September
Friday 14th January '22 – Friday 25th March '22	Friday 24 <sup>th</sup> December

Food Adventures is an 11 week Fussy Eating programme for children aged 1 – 5 years old. The programme tackles child eating behaviour and is focused on positive encouragement, food sensory play and educating parents with resources, tips and tools to improve eating environment at home. The child will use food play, story reading and a sensory, tasting step approach to explore foods previously rejected.

The aims are to see a change in nutrition intake, change in eating behaviour, change in the number of foods accepted and exposed to.

All dates on <a href="www.abettermedway.co.uk">www.abettermedway.co.uk</a>
Contact <a href="mailto:Pearl.brathwaite@medway.gov.uk">Pearl.brathwaite@medway.gov.uk</a>



Tri Cookery is a course that helps school children to learn new cookery skills, find out why it's important to eat a balanced diet and try out some tasty, healthy recipes.

This free 6 week course runs during term time in venues across Medway and is suitable for families with children aged 5 to 17 years and Teen only cookery.

For more information contact us on

01634 333 741 or change4life@medway.gov.uk.

All dates on www.abettermedway.co.uk







#### **Healthy Way (or anyone with a BMI >25)**

This lifestyle programme supports Adults to make small changes in lifestyle behaviour that can make a big difference to their health and well being.

These **free** and interactive 12 week courses last about an hour each week and are held in groups of around 20 people, either face to face and/or digitally (via Zoom or Teams)

A different topic is covered each week, and looks at a variety of healthy choices regarding Food labelling, Portion sizes, Diabetes, Stress, Bone Health, Sleep and much more!

Adults can self refer or be referred by health professionals to this service

Call 01634 333101 for more information



# Tier 3 Weight Management



### Signposting

#### <u>Tipping the Balance (Adults with a BMI >40 or >35</u> <u>with Co-morbidity)</u>

This programme offers more individual personalised care, supporting improvements to both physical and emotional health whilst encouraging changes in behaviour.

Attendees are advised and guided through lifestyle changes that will help you to achieve and maintain a healthy weight.

This is a One to one service and clinics are held at community venues throughout Medway, by telephone, or by face to face on a digital platform

To be referred to the programme please speak to your GP practice nurse, or Health professional.

Call 01634 333101 for more information





#### **STARTERS**

A total of 96 players started the season, of those:



5% weight loss 30 players



FOOTBAL

"MAN v FAT has changed my life. It's the best place to be if you want to lose weight, make new friends and have fun."



33.2 average bmi was: 35.4



#### COMPLETERS

A completer a player who attended ten sessions. A total of 63 completed, of those:





weight



Achieved 5% weight

#### **ALL TIME SEASON**

**STATS** 

**⊕387**KG WEIGHT LOSS









### MANVFAT FOOTBALL

### MANVFAT FOOTBALL

**◎ END OF SEASON UPDATE ◎** 

SEASON 3 • 09 SEP - 16 DEC 2019

"MAN v FAT

has changed my life.

It's the best

you want to lose weight,

make new

friends and

have fun."



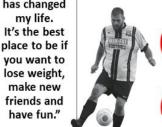
7 average bmi was: 34.8



average loss from waist



A completer a player who attended ten sessions. A total of 43 completed, of those:







#### **ALL TIME SEASON**

STARTERS

A total of 68 players started

lost

loss

14 players

weight

Achieved

5% weight

the season, of those:

STATS

**₹790KG** WEIGHT LOSS

185 Players lost Medway













## Medway Health Walks









Active Medway
Cucling Groups





#### Centre information and facilities

Athletics facilities > Racquet sports > Hire the sports hall >



#### Sports, activities and classes

Book a class, court or activity > Activities for over 60s > Mini Youth Sports Camps > Disability sport > Running in Medway > Find sports and sports clubs Children's birthday parties





The ambition is to move Medway around the world, using an interactive website that allows people to log their activity. As certain destinations are reached, the opportunity to talk about different countries activities and food choices present themselves, to promote cultural diversity.

About Medway Can

Medway Can is a health campaign
aiming to help drive the people of
Medway right around the world
and onto a healthler lifestyle.

Fird out more





Home > Move a Pile > Eng Your Miles

### Safeguarding Children's Obesity Framework

Considered for development for Medway following findings from Manchester serious case review.

First "Show of interest" meeting held in Jan 2020

2<sup>nd</sup> Meeting held on 12<sup>th</sup> March 2020 – further stakeholders identified with a view to arranging follow up

Covid – Unfortunately delayed due to Pandemic capacity

Now reviewing and taking this forward again. In very early stages

Please contact me for further information,

Tessa.attwood@medway.gov.uk





#### **Modules**

- Understanding Obesity. Having Conversations about weight
- Physical Activity



Obesity is an engaging e-learning programme for practitioners in the NHS and local authorities working in weight management.

The programme introduces obesity and its implications for health, provides a knowledge base on identification of unhealthy weight and risk factors for weight gain, managing obesity, and learning on guiding and enabling behaviour change. https://www.e-lfh.org.uk/programmes/healthier-weight-competency-framework/



The emphasis of the healthier weight competency framework is on prevention of excess weight and early intervention, rather than treatment. It is grounded in a person-centered approach and aligns with making every contact count.

The framework can be used by staff working with any community or group within the population, including children, adults, pregnant women, care givers and vulnerable groups. <a href="https://www.e-lfh.org.uk/programmes/obesity/">https://www.e-lfh.org.uk/programmes/obesity/</a>





### Questions?

If you have any questions or would like to find out more information on any services for Adults or Children

01634 333101

Or visit <u>www.abettermedway.co.uk</u>

#### Contacts:

Tessa.attwood@medway.gov.uk