



- → Physical Literacy
- → Resistance training
- → Core movement skills
- → Balance balls
- → Diet & Hydration
- → Coping with anxiety
- → Menstruation & training



"You row like a girl... good for you"

At the World Rowing Championships recently I saw a T-shirt that said 'You row like a girl, good for you' and I wanted to buy one for every woman I know.

Rowing has been a transformational sport for me and for so many women, of all ages. Sport, and especially rowing, offers wonderful opportunities for teenage girls, whether you think you are "sporty" or not. Getting out and active with friends, looking after yourself and appreciating what a great gift our bodies are, is all part of growing up and preparing for the future. You'll take the confidence, enthusiasm and friendships that your sport offers forward into the rest of your lives and hopefully join the growing number of women being active and playing sport – for fun or competitively.

This manual will help you develop physical and mental confidence in your rowing. Its approach to exercises will help you develop inner strengths for good, efficient, competitive technique and provide a better understanding of how your body works, to support you through the highs and lows of daily life.

Diet, injury prevention and a positive mental attitude are all part of being a strong active woman – use this manual to support you, your friends and crew in developing the inner strength and outer confidence your sport can offer. Be proud of what you can achieve and most of all – have fun!"

Annamarie Phelps, CBE Chairman, British Rowing



Women's Sports Network gets 'More Women, More Active', by helping women & girls participate in amateur and professional sport and engage in physical activity in the community.

www.wsnet.co.uk



MOJO ZONES

HERMOJO

SUPER YOU!

CORE4

LOOKING GOOD

FEELING GOOD

ROW WELL

STAYING STRONG

LET'S GO!!!

HerMoJo - Inner Strength - Outer Confidence

Anatomy Flexibility Stability Strength

The basic strengths

Food & Nutrition Hydration Sport drinks

Body Image Anxiety Periods Breasts & Bras Female Athlete Triad

Programmes

Injury prevention Posture Stability Cross Training

HerMoJo in the boat Other stuff - Running, Weights, Ergo, Periodisation



Print version users can find digital updates & links to exercise videos by page number – here:

www.wsnet.co.uk/RowMoJo

Order more copies or a digital version here:

www.wsnet.co.uk/RowMojo

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Disclaimer: This manual is presented with care on the basis of available research and best practice. Programmes are designed for healthy individuals with normal levels of fitness unless under the supervision of a health professional. WSNet is not liable for misuse or misunderstanding of the materials herein, for any injury which may be incurred while pursuing the programmes provided, nor for any hyperlinked contact on routines/information.



FIND YOUR MOJO

HERMOJO

You've taken up a great sport and of course you want to do well. Your coaches, club, school and parents are always keen that you try a sport and hopefully compete.

We get encouraged to 'win' and often that means kicking harder, hitting harder, pulling harder or serving quicker. Sometimes, all you want to do is have a go... and do it right

before going on to race or playing competitive matches.

Today's coaches talk more about 'Physical Literacy'

and 'marginal gains' - getting our bodies to work at their best and build strong foundations for the future.

MoJoManuals are here to help you and your supporters (parents, coaches & teachers) get into competitive sport. In fact . . . to help you find your 'MoJo'.

Finding your ROWINGMoJo is about efficient

movement in a confident and economical way. We'll help you through some of the issues that you face getting into sport – and head off some of the concerns you may experience. How diet, sleep, periods and anxiety can affect you – and how you and your coaches can adapt your training and preparation to develop this 'Inner Strength and Outer

HerMoJo – find the real you with

"Inner Strength & Outer Confidence"

Confidence'
- ready to
participate
competitively in
your favourite
sport.

Most teenagers experience

some concerns when participating in sport – so try to discuss the contents of this manual with parents, coaches teachers or your guardian. If you're really concerned about any of the matters raised please be confident to chat to your parent, guardian or doctor.

You can scan through the manual quickly by following the STAR .

PURPOSE

This manual provides guidance to help athletes use their bodies efficiently and effectively. It has been devised with health & safety as a priority and the publishers advocate careful and considered use of the programmes. These are designed for healthy individuals with normal levels of fitness. If in doubt vou are advised to consult a healthcare professional before commencing to ensure you exercise safely and within your ability.





HOW TO USE YOUR MOJOMANUAL

Click for video link when you see this sign



HERMOJO

Find the inner you. There are seven MoJoZONES - some are exercise-focussed others supportive - ranging through diet and hydration to menstruation. You can read front to back OR, for ease of use we've signposted areas and routes for Coaches, Parents and Athletes. See page 36 on how to build these exercises into a programme or make them part of your cardio vascular sessions. Print version users can find digital updates & links to exercise videos by page number - here: www.wsnet.co.uk/RowMoJo

COACHES...

You will know much of the content - use the MoJoManual to pick out key issues as appropriate. Try to be proactive and if necessary sit down and have a joint discussion. Use questions to encourage and share 'issues' across your group. Shift the focus from 'strength training' - away from the big muscles to functional muscle groups. Posture and stability are key for teenage rowers - you need to emphasis this and avoid the temptation for quick gains from raw strength. Encourage parents to buy balance balls & bands to use at home. Why not set two home exercises each week? You may need to help your athletes through paragraphs with a rainbow.

PARENTS...

Physical Literacy (a commitment to Efficient & Effective movement) is really important throughout life and particularly in sport. You can support your daughter by better understanding physical and emotional issues. Use this manual to help answer questions she may have, to help to raise issues with her coach or teacher. Encourage her to use balls and bands at home and emphasise the importance of functional (HerMoJo) strength - not just for her sport but in helping her become a strong and confident women.

Don't push her to win too early - girls are great to coach, they want to 'get it right' help them to do that and they will go on to be real winners! Try to engage her through sections marked with a heart.

ATHLETES...

Start by scanning the zones to get a feel for some of the wider things that make up your 'MoJo' and the things that affect you right now. Read the exercise 'bubbles' and try to work out how they can impact your boat work. Flick through and check for the STAR 👚

Focus on these areas in the text pages before you read in detail. Feel free to read, discuss with friends, parents, teacher or coach. They may suggest areas to read together.

If you have any concerns about matters raised please do discuss with your parents, coach or medical professional.



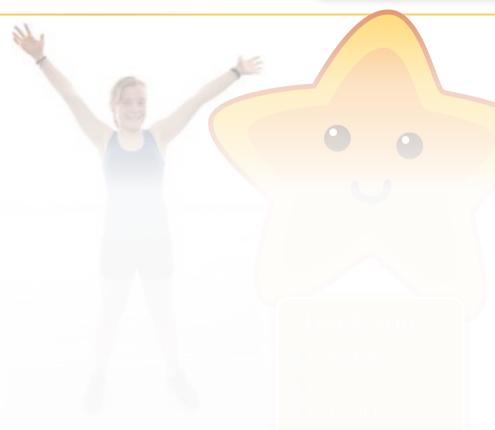


ANATOMY - YOUR FRAME

SUPER YOU!

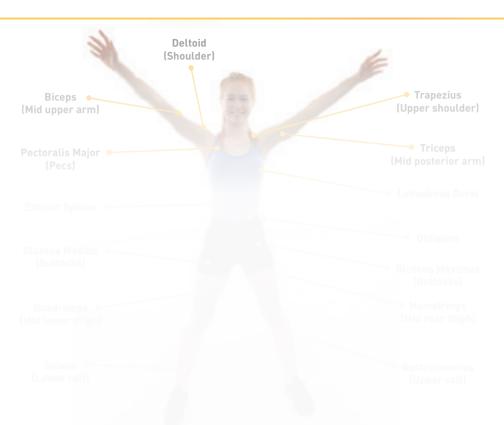
Super you - your skeleton provides the levers for sport - and levers are critical in every sport. You have strong bones - most are rigid but you also have joints for flexion. Keeping your joints mobilised is key to being a successful athlete. Some joints are less flexible (e.g. spine & pelvis) but they need to be to provide stability. Spine and pelvic flexibility is very important for rowers to maximise stroke length & reach without over extending the back/hamstrings. So we'll be talking about that a lot

Posture – so apart from legs and arms (essential in rowing) posture, balance and stability in your hips & lower spine are crucial as you start to row competitively. 'Core strength', as it is often described, is the wider process of 'tying' the muscles listed on the next page, to work together. Stabilising these core muscles links the levers (arms & legs) together & helps focus on flexing your pelvis (hips). Particularly important to maintain full compression without 'collapsing' and still connecting with the flow from the leg drive.



ANATOMY - MUSCLES

SUPER YOU!



FACTS

CORE Muscles include:

Abdominals

Obliques

Pelvic floor

Longissimus

Diaphragm

ou don't have to 'bulk up' your big muscles with heavy weights yet. HerMoJo is all about building 'functional strength' using a combination of muscles and levers. Not BULK

Here's some of the muscles we will be talking about - try to imagine where they are in your body and how they work. The best way to develop young muscle groups is resistance training. 'Destabilising' your core to test it is the best way to develop Core Strength & efficient nosture.

ANATOMY - YOUR SPINE

Transfer Energy – whatever your sport you rely on your spine & trunk for the transfer of energy between limbs. So the more effective the trunk is the more easily energy can be transferred efficiently. Imagine your vertebrae as a string of beads. Try to hold them vertically and the beads collapse. If you 'pinch' the string at the base – tension holds the beads vertical. Just like the beads, there is a string of core muscles (particularity abs pelvic floor, longissimus and multifidus) which support your vertebrae, provide stability and help efficient transfer of energy.

Shape up – think about touching your toes – check in a mirror – are you flexing from your hips? Don't let your back 'sag' into a 'C' shape in an attempt to touch toes. Stretch slowly and pivot from the hips extending over several 'reps' and feel tension in your hamstrings. This will help you develop a longer and more effective stroke AND a stable core. Now try the same thing on the ergo – just reaching off back stops. Stabilise your core and again feel it in your hamstrings.



SUPER YOU!

FACTS

Spine is 'S' shaped
33 'stacked' vertebrae
Protects spinal cord
Shock absorbing discs
Cervical – 7 Neck
Thoracic – 12 Ribs/Chest
Lumbar – 5 Lower back
Body has 206 hones



FLEXIBILITY - NEUTRAL SPINE

SUPER YOU!

Start in Neutral – most engines work best if they start in neutral – so why not yours? Neutral spine is about establishing the most effective relationship between all the 'bits' of your body. Allowing joints and muscles to manage forces efficiently – particularly the neck, shoulders, pelvis, knees and feet. You car find your neutral spine whilst standing.

Stand up – Relax and imagine somebody is gently tugging at a tuft of your hair. Let your head and shoulders move up to follow the 'pull'. Your chin lowers and your shoulders will drop away from your neck. And your chest will have opened a little. Tummy comes in and your pelvis sits level under your ribs.

Lay down – try to find it lying down as many of the exercise you'll do will be horizontal. Midway between an arched & flattened spine – tail bond on the floor, pelvis is lengthened and a small 'arch' appears in your spine.

Firing up! - Lying down in the neutral 'rest' position. Breathe in gently, hold for three seconds, then breathe out slowly. Now gently draw up 'inside' with the pelvic floor muscles as if you were trying not to pee! Do this at 30/40% of maximum muscle contraction and still maintain the neutral spine. This helps 'wake up' all the 'core' muscles.





TOP TIPS



What are ABS?

Four sets of muscles between the ribs and pelvis –essentian for maintaining good posture and a Neutral Spine and asymmetric strength when twisting Includes what are and as the six pack.

CORE STABILITY

SUPER YOU!

We've seen how the spine, trunk, skeleton and core muscles work independently. Great players and athletes learn how to combine and balance all these elements to maximise effort – using all the right muscles at the right time! Core is made up of back, the upper (shoulder) and lower (pelvic) girdles.

The 'core' muscles are mostly connected to the spine - combined they help transfer energy from your feet, into the water to lock the blades in place and then 'lever' the boat forward.

The shoulder girdle provides an anchor for arm movements – transferring energyy to your core and maintaining a stable base from which to push from.

Recruitment — if you don't hunt out and develop these little muscles the big ones won't be able to rely on them in training or eventually racing. Your body will compensate and try to find other ways to transfer energy. Leading to loss of posture stroke inefficiency and risk of injury.

Your 'Kinetic Chain' – is only as strong as its weakest link – make sure you find it and eliminate it before trying to build bigger muscles. No matter how strong your big muscles are, if they can't transfer energy your 'kinetic chain' will loose efficiency... or fail!

FXERCISE

Try erging (or paddling) light and not relying on the usual muscles.

Keep the movement jerkfree with consistent pressure on the handles. By reducing pressure in the 'big' muscles feel how energy can flow smoothly through you.



STRENGTH - BALLS AND BANDS

SUPER YOU!



Balls and bands - help to train muscle function, strengthen abdominals (pelvic floor) and spinal muscles by challenging your core to find the supporting muscles as you destabilise. They are simply the best and simplest 'ancillary' exercise tools for girl rowers.

Balance Balls - Choose a 'burst-resistant' ball - probably a 55 cms diameter. Begin by just balancing on it and hunt out your lower abs. moving slowly to react to the balls

Cross was blown it up, start by trying these call fry with friends - all sitting on ballsum the gym and playing catch with a netball or tennis ball. Try taking one (then both) feet off the ground whilst playing. Use this as part of your warm up. On your own? Sit on your ball and throw tennis/netball against a wall.

Resistance bands – several of our recommended exercises use bands. You can buy these by the length, different colours for differing resistance - or buy a pack of several They are made from strong, thin rubber often with handles at each end. They help you with

just about any type of strength training exercise, without the need for heavy weights. The most important thing is to move slowly and smoothly, don't jerk nor shorten the range of movement. If you feel you have to jerk – lower the resistance or range you are moving through. Jerking means you are relying on big muscles and not giving the supporting muscles a chance.

core 4 – now try our CORE 4 strengthening exercises. These are basic routines that you can try at home to familiarise yourself with core strengthening routines and practice 'neutral spine'.

FACTS



Stability Balls will make your core 'wobble' as you try to remain stable. They are the best way strengthen lower back & trunk!

Decreasing ball pressure makes it 'squidgy' & less

TOP TIPS

ry just sitting on the ball to vatch TV

Set used to being unstable - sit on your ball at your desk and study

Try lifting one foot off the floor - then swap feet in a

Try lifting both feet off the floor!

THE PLANK

CORE4

The Plank is the classic, static core exercise for most sports.

> Lving on the floor face down. lift your hips and suspend vour trunk between toes &

"When I do The Plank I can really feel my core muscles working together to hold the position "



PURPOSE 🕏





THE PRESS UP

CORE4

PURPOSE 🍁

core exercise. They can be



Lav on the floor face down with your hands flat on the floor either side of your shoulders. Tighten up vour core and shoulders. Begin by sliding your shoulder blades towards your waist - as they tighten





THE SPINE CURL

Getting your spine mobilised and strengthened is a great way to prepare for more challenging exercise. Spine curls really work the hips, glutes and lower back.

- this creates an offset load (asymmetric). Try spine curl with

PURPOSE



CORE4

Alternate this with The Plank - it works the opposing (Antagonistic) muscles and helps build a balance at the base of the spine

"Really important as it strengthens parts of my lower back I don't normally work on "

TOP TIPS





BALL CRUNCHIE

"Ball Crunchie
helps me maintain
a stable core as 1 rock
off backstops"

CORE4

'Crunchies' or sit ups are a great way to test and strengthen your abdominal muscles. Start by sitting on the ball with feet flat on the floor. Walk your feet forward slowly and tuck your tail under. Lower your spine onto the ball as you continue walking until your shoulders, back and hips are resting on the ball & knees are bent to 90 degrees. Check vour hips are at about 10 o'clock (imagine the ball is a clock face). Hands behind head, squeeze shoulder blades down and keep elbows horizontal. Keep your head in line with your spine. Engage abs

& core, tuck in your chin and slowly curl your truck towards your thighs (exhale). Maintain contact with your pelvis & lower back & continue to curl until your upper back is off the ball. Hold for 5 secs. Gently down (inhale) lower your back onto the ball. Relax & stretch out completely before next rep.

Progression: Destabilise your core by moving your feet closer together – try this first with a friend to check your balance.

Easier: Move feet apart to improve stability.





Help you make a confident & stable flexion of core muscles during dynamic flexion of the upper back.

TOP TIPS

Imagine a connection between your abs and rib cage (chest) – try to think about pulling these closer during the upward movement.





HEALTHY EATING

LOOKING GOOD



Athlete or not, all teenagers need a 'balanced diet' – remember 'you are what you eat'.

So a good range of Carbs (for energy),
Fats (protection & as an energy store) and
Proteins (for growth & body maintenance) is
essential. But what does all that mean to you

– particularly if you are starting to get more

As you start to exercise more you'll feel great but also may need to take on more 'fuel'. Yet part of you is thinking "I need to be trim to be a better at my sport". Well, yes but it's all a question of balance – building a strong core o 'functional' muscle (as opposed to bulk) takes time and a balanced diet. Poor diet really can impact your performance so try some of thes

Prepared food is best – then you know what's gone into it and there's more chance that has a balance of Carbs, Protein & Fats. Why not offer to help with food prep/shopping at home?

Sugary carbs - will give you a great lift because they can be absorbed quickly – but most sports don't need that quick lift. Switch away from 'empty carbs' (biscuits) to nonsugary carbs (wholemeal bread/pasta).

Fresh vegetables - are a must for fibre, vitamins & minerals - the things that help you best use food you eat.

Snacking – 'snacking' isn't bad but mix it up select from two of the food groups, see pane

- Before exercise avoid eating big meals within 2 hours of exercise and then stick to fruit, low fibre carbs or cereal bars.
- After exercise plan to eat something within 30 mins of exercise sometimes you feet less hungry then so a yogurt, glass of semiskimmed milk or a sandwich is perfect.

'Fast' foods – won't, unfortunately, make you go any faster – so only eat them occasionally

Supplements – you can get all sorts of supplements. Unless prescribed by your doctor there's no need – better to stick to the advice above.

If you have concerns about your weight or diet please do talk to an adult you trust or your doctor.

HEALTHY SNACKING

Banana/peanut butter (fruit/protein)



Grapes/cheese stick (fruit/dairy

Cheese/crackers (dairy/grain

Hummus/carrots (protein

LOOKING GOOD

HEALTHY EATING
HYDRATION
SPORTS DRINKS



HYDRATION

LOOKING GOOD



Half Water - half of your body is made up of water!!!! So it's really important to keep 'topped' up. Water is essential for all sorts of reasons. It constantly regulates your body temperature, aids digestion, maintains good vision, keeps the nervous system alert, joints lubricated (reducing injury risk) and provides a 'pathway' for nutrients, oxygen and waste to name a few. So keeping it in balance is pretty important.

It becomes 'doubly' important when you star to exercise as you lose water through sweat keeping cool. Just breathing harder causes moisture to evaporate from your lunos!

Just 2% water loss has an immediate effect on both your physical and mental performance. And can slow up your ability to recover between heats or at half time. Loss of more than 5% car reduce effectiveness by 30%! On top of that, dehydration can cause painful muscle cramps during exercise and even at night after a 'work-out'

The 'PEE' test!! - The best measure of hydration is the 'PEE' Test - the colour c

urine. It should be a clear, light straw colour – and the lighter it is the better. Check the bottle on this page – aim for the top colour!

When & How
Much' - Check
the chart. If you
notice signs of
'dehydration
fatigue' - it's

an endurance sport. Experts recommend 6/8 glasses (2 Litres) every day, even for those not be exercising heavily.

Fluid intake is highly dependent on your sport, body size, age, training experience, clothing etc. and the temperature.



TOP TIPS

Weigh yourself before & after exercise – calculate the weight loss in grams.

Measure how much fluid you consumed during the exercise activity in grams and add this to your weight loss

This is the MINIMUM amoun

A millilitre of flu



SPORTS DRINKS AND ELECTROLYTES

LOOKING GOOD



Don't overdo it - you can overhydrate too

Hypotonics - there are also sports drinks

which are 'hypotonic'. These



TOP TIPS:





FEELING GOOD

FEELING GOOD



Super confident - Sport and generally being more active really can boost confidence and get you feeling good, looking good & being

Anxiety - all athletes get anxious before a race or match and some anxiety can be a positive trigger to performance. Increased

TOP TIPS 😭





BODY IMAGE

FEELING GOOD



Body image - is about how YOU feel about YOUR body and yet much of self-worth is based on the perceptions of others. Having negative thoughts about your body is not uncommon in teenagers - hey, your bodies are changing fast! So even small changes in approach can improve the way you feel about your body. So how do you foster a positive body image (and tackle pegative thoughts)

Appreciate your body – it is a miracle! Make a list of 10 things you like about your personality and some great things your body can do: laugh, jump, run, dance.

Negative thoughts – become aware of how these affect you and might hold you back. Now remind yourself that negative thoughts are just thoughts, and may not be realistic. Write down some alternative, positive, affirmations like:

- What I can do is more important than what I look like
- I am strong and I can do anything
- I do not have to look 'perfect' to be fit and healthy

Encourage your team mates and friends to be positive and enthusiastic with each other.

Criticise the media – remember that makeup, airbrushing, and digital editing are used to create unrealistic images of women's bodies.



Parents – think about checking with your daughter BEFORE you post pix of her on socia media.

If you are struggling with a negative body image you don't need to go through it alone, talk to others and reach out to your GP or doctor if it begins to affect your well-being.

TOP TIPS



Build your self esteem by: Going for walk or run.

Listen to music

Try a favourite activity with somebody you like being with

Thinking about good things you've achieved or places you like being.

Watch some women's sport on TV.

Talking to somebody you trus can also help – and if you get concerned your doctor or school counsellor can help

BESTTIP 🕠

Dance - on your own, at the gym, in your bedroom - and don't forget dance is a great way to develop your core & associated muscles



MANAGING ANXIETY

FEELING GOOD



We all get anxious – before a big test at school or when meeting new people. Much of the time this is quite normal. It's good to have 'nerves' as it helps you prepare for a challenge, but if you become too nervous, it can become overpowering. Sport can help take your mind off things that make you anxious and being active enables you to focus on something else to plan for and be successful in. As you progress in your sport you might start to get anxious about a big race or match. Again that's quite normal and shows a healthy approach to competition.

Mixing with other teenagers (who are likely just as anxious as you are) and sharing sport can help you learn from and trust each other. You'll also feel more comfortable making mistakes without feeling 'judged'. We often expect to be perfect and yet those who never make mistakes, never reach their full potential. So use sport to build confidence and help you take that strength into your everyday life.

Fear of Failure - we all like to get things right to but worrying about failure can increase anxiety

This MoJo Manual can help you to be more confident, to try new things and not worry so much about making mistakes.

Taking Control – focus on things you can control – rather than things you can't.

Breathing – deep breathing exercises can really help you relax and focus on positive things. Make sure you breathe in through your nose, out through your mouth.

Music - can be used to reduce or raise your arousal levels. Fast BPM if you're training, slower if you're relaxing. And dancing is our favourite for relaxation AND core strength.

Routines - are good for sport and for everyday life.
That way you focus and put your energy into positive triggers and push the things that make you anxious out of your head

TOP TIPS



Admit that some situations make you anxious

Focus on 'controllables' Set goals and tick them off as you go

Focus on success you have had or things you like doing

No Failure – only Feedback If in doubt chat to an adult

SIGNS OF EXCESS ANXIETY

Worrying about things you can't control

Constant checking you did it right

Withdrawal from 'normal' things

Decline in appetite or sleep

Low energy or feeling Sad



MENSTRUATION AND SPORT

FEELING GOOD



Periods and Sport - periods are a normal, natural process which start as your body changes from being a child into an adult. Puberty happens to all girls, usually between 8 and 13 so your timing may be different to your friend's. As part of your menstrual cycle your period typically starts on average every 28 days (often ranging from every 21-35 days) and lasts for 3-5 days. You're likely to experience bleeding and perhaps cramps or pain and blood colour may vary during the cycle. This again is normal so try not to let it interfere with your sport. It is a good idea to track your cycle just to ensure you are prepared for your period. Tracking will help

Nutrition & Hydration – at certain points in your cycle your body changes the types of food it predominantly uses to provide energy. Iron intake (combined with Vit. C to help absorption) is also important during your period as is replacing fluids lost through blooloss and other changes.

Training – throughout your menstrual cycle

evidence suggests that the benefit you get from different training types may vary. For example resistance and HIIT are thought best during the first half of your cycle. Being active may also help - even though you may not feel like exercising on the days leading up to/during your period.



Pain – cramps can often be alleviated with warm baths and over-the-counter medicines appropriate for your age. Exercise generally helps by releasing endorphins hormones that make you feel happier). If the pain continues get a parent to help just in case you need to selyour doctor.

Sleep – slight increases in temperature in the second half of your cycle may make sleep difficult. Make sure you have good 'sleep hygiene' (i.e. not using phones an hour before bed).

Train & Eat smart – too much exercise, psychological stress and a poor diet are primary risk factors which can affect your menstrual cycle.

IF:



Your period lasts longer than a week...

You have to change your pad very often (soaking more than one pad every 1–2 hours)...

You go longer than 3 months between periods

You have bleeding in between periods.

You have an unusual amount of pain before or during your period...

our periods were regular but became irregular

...check with your mum or other female friend, and see your doctor.

TRACKING YOUR PERIOD

FEELING GOOD



Work around your period - when you're training regularly - be aware that exercise is good but the type and timing are important. You might want to track your cycle on a smart phone 'APP'. This can help you plan training/ diet and have a better understanding of what's happening.

High oestrogen - as the levels of this female sex hormone increases during the first half of your cycle you should start feeling stronger. This is a really good time to do strength and resistance training. Eating carbohydrates and proteins are particularly important as these provide energy and help with recovery.

Second half of your cycle - you might want to focus more on endurance and reduce the intensity of your training. Your body is thought to use fats more at this time to provide energy, so try and get some good healthy fats into your diet. FitrWoman APP provides some recipes to help guide you with healthy and nutritious recipes at the different stages in your cycle



BREASTS AND BRAS

FEELING GOOD

- All shapes & sizes but one thing that all breasts have in common is that if they are not properly supported during exercise they can move around. This movement can sometimes be embarrassing and can also be painful. But it is not all bad news. A well fitted, supportive sports bra can solve both these problems and help you exercise pain free and with confidence.
- may be more supportive than others. They provide support to the breasts by pushing them against the chest, others provide support by holding each breast in place in a separate cup, just like a regular bra. Some bras may do both of these things. However, not every bra suits every person, and wearing the wrong size, or style can reduce the level of support the bra gives you. Especially if it is the wrong size! When you are shopping for a sports bra, always try it on so that you can check the fit. You won't always be the same size in every bra and your breasts may change shape and size as you grow and develop.

Below are some tips on how to check the support of your bra and most importantly, make sure that it fits correctly.

- The underband of the bra should be level all the way around your body and be firm enough that it doesn't move when you exercise. Be careful that it is not so tight that it restricts your breathing or digs in to you!
- Your breasts should fit within the cups of the bra without your breast tissue bulging out of the top. If your breasts don't quite fill the cups then try a smaller cup size.
- Make sure the shoulder straps are tight enough that they support your breasts and don't slip off your shoulders. But be careful not to make them so tight that they dig in to your shoulders!
- Jump up and down or run on the spot in the changing room so you can check how much support the bra gives you.



Compression sports bra

TOP TIPS



Your sports bra is as important as your trainers – replace them both at the same time.

Trouble getting your sports bra & heart rate monitor configured? Try adding in a Booband

FEMALE ATHLETE TRIAD





The issues we've covered in the 'Feeling Good' zone can exist as three interrelated conditions - The 'Female Athlete Triad'. Energy deficit caused by unhealthy eating habits or excessive exercise, amenorrhea (disruption of menstruation) and osteoporosis (weakening bones). A female athlete can have one, two, or all three parts of the 'Triad'.

Food and water to fuel your exercise - Eating the right foods at the right times will keep your energy levels up. You could be left feeling overly tired from increasing training, overexercising or decreasing the amount of food you eat. Abnormal eating habits (restricting foods, skipping meals, eating disorders) can result in low energy levels which can disrupt periods and increase risk of injury.

Keep track of your menstrual cycle - By using a period tracker app for tracking the start and end dates of you period in a diary or calendar) you will be able to work out your menstrual pattern. Irregular or multiple missed periods can impact bone health by disrupting estrogen levels.

If you have missed periods or your periods haven't started by the time you are 15 OR if you began breast development more than three years ago and haven't started your periods, it's worth arranging a check-up just to make sure everything is OK.

Bone growth – your bones are growing fast in the early teens so, again a healthy diet and controlled training and period tracking are all essential to keep them strong.

TOP TIPS



Beat the Female 'TRIAD' by training sensibly around your menstrual cycle, eating & hydrating well and getting enough sleep. Make a note of the warning signs and treatments – if in doubt ask your coach, parent or teacher

WARNING SIGNS

Chronic tiredness

naemia

Recurring infections/illnesses

Depression

Disordered-eating thoughts

Poor performance

Absent or irregular periods

Stress fractures or repeated

bone injuries

Irritability

Frequent injuries

'Tummy' upsets



Amenorrhea

Osteoporosis



ROW WELL PROGRAMME

ROW WELL



So where now – you're progressing in the boat with regular on-the-water coaching – how does core play into that? Here are some ideas and exercises that you can try with your friends, parents and coach. If the river is flooded or the pitches are waterlogged it's worth switching to a 'core' session – perhaps with a short dance (approhise session – perhaps

Key exercises - your core muscles are best exercised when you are warmed up - they are easier to find and fire up when warm. Try practicing one each day when you come hom from school OR build them into your daily routine - like sitting on your balance ball to watch TV. Practice them with a friend who is also keen to improve their rowing /sculling stroke. Mastering the 'Core 4' exercises will help you prepare for more 'core' work.

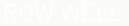
Programme - progress to having one dedicated session per week - after water work, a light ergo or gentle run (which you can do from home). Don't think of them as 'extra' exercises - think of them as the 'real deal' for that session. Take 10-20 mins and

practice a set number [try four] each session. You can also build some of these into cardio circuits - but as you speed up doing them as circuits please keep movements 'full range' and smooth.

Row 'smart' (& stable) – These routines are designed to complement water work. Strengthening your 'Kinetic Chain' (all the muscles that go towards propelling the boat through the water) will improve your posture and coordination and make your stroke more effective (faster!). Talk to your coach/sports teacher and get some of these routines included in gym work. And even have a special session once per week with balls & bands

How many 'reps'? – don't be tempted to 'bash out the reps' keep movement full range, slow and controlled. To help you we've added a guide number of reps to most exercises. This shows the range – start with the lower number, and progress to the higher as you improve.

" As you progress aim for two dedicated core sessions per week"



WARM UP
SESSIONS
KINETIC CHAIL



SUPERWOMAN

ROW WELL

Α I t

In four-point kneeling; keep the knees perpendicular under the hips & the hands under the shoulders, with the spine in

Engage pelvic floor & slowly slide out one leg until straight, then lift. Slowly raise the opposite arm & balance keeping the back & hips

Return to start position & complete 10 reps on each side.

Complete the transition smoothly

Progression: Start with ten repetitions on each diagonal then progress to 3 sets on each diagonal. Transition between sides without moving the head. Increase challenge further by bringing one knee across to the opposite elbow without flexing the spine or moving the head. Try lying on your balance ball, with hands/feet on the floor—head still with a smooth transition.

Easier: Just lift one arm, then the opposite leg - keep the transition smooth & controlled.

TOP TIPS

Hold your core as you transition from one side to the other.

Focus on a spot on the floor relax and use your stable core to make the movement

PURPOSE



Helps work your core ACROSS limbs to help rotational movement and give more depth (Asymmetry) to your core. Reduces risk of injury.

"I soon got the hang of 'Superwomans' and then... I felt like one!



SITTING BALANCE BALL - DYNAMIC

ROW WELL

Sitting on the gym ball. slowly raise one leg off the ground keeping stable in your spine. If you are heel only. Slowly raise the

"This helps me find those deep muscles that support my back and coordinate my arm and leg movement "

PURPOSE 💠



& general support of lower



SPINE CURL AND ARMS

Perform the spine curl (bridge)
with arms alongside your body.
Pause and hold when your
shoulders and feet are supporting
your straight (and stablised) core.

Progression: Raise the arms in the air above your chest. Keeping the shoulder blades engaged, slowly take one arm to the side at a time. Perform two sets of twenty.

Easier: Perform starting with arms wide, at your sides to improve shoulder-core stability. Once stable, lift alternate arms

"Helps me stabilise my pelvis whilst arms are moving. All my energy is then directed at moving the boat forward."

PURPOSE



Maintain a stable pelvis whilst performing movement with the arms. Good transferable skills to the boat - letting you focus on energy transfer whilst maintaining stability.

TOP TIPS

Keep level in your pelvis & hips.

Keep neck muscles relaxed & breathe.

Perform flowing movements.

ROW WELL







HAMSTRING CURLS ON BALLS

"Helps me control my slide recovery and have the confidence to be patient as I 'roll out' to front stops "

ROW WELL

Really important routine for good slide control. With the heels resting on the gym ball & the legs extended, perform a spine curl & pause at the top.

Slowly dig the heels into the ball & roll the ball towards you then push back. Perform 2 sets of ten.

Progression: Try raising your hands straight up above your ches to destablise shoulders to core

Use one leg at a time, performing one set of ten on each side. Increases load on the oblique muscles used in sweep rowing.

Easier: Perform with a towel under your hips & don't lift off, just use legs to curl ball under your heels



PURPOSE



Shifts the slide recovery movement from back muscle to core and hamstrings. And helps to work – 'stretcher to seat' – rather than 'seat to stretcher'

TOP TIPS

ep your hips up & level, try use core and hamstrings to aw the ball towards you – use utes not back your muscles.

pulling a fixed band back w



BANDS, BALL & RUBBER SCULLER

ROW WELL

Here's a great exercise that uses BOTH bands & balls to help you stabilise through the stoke to the finish. Sitting on gym ball with some rubber tubing or band connected to a central point, keep the shoulders down & perform a sculling action. Perform for 3 x 1 mins. Don't 'pull hard' pull slow & feel the band tension challenge

Progression: Raise one leg off the floor, fix band rigidly to one side and perform a rotational sweep action. Try 'sculling' with BOTH feet off the floor – you may want to have a friend belo support you.

Easier: Get used to 'sculling' & side lasymmetric) movements before taking your feet off the floor.



"This is a fun way to help coordinate body movement round the finish firing off most of my abs and reducing risk of shoulder injury "

PURPOSE



Helps you 'sit up' & maintain 'asymmetric' stability at the finish with a strong neck & spine linked to the core

TOP TIPS



DYNAMIC PLANK

"This helps me get all
my power moving the boat
at the finish by reducing energy
wastage in my global muscles"

ROW WELL



Go into a front plank position, stabilise (feel that core) & then slowly take one hand off the floor to touch the opposite elbow. Perform 10x then repeat on the opposite side. Repeat x 3.

Progression: Try extending your non-supporting hand above your head & twisting Try to get your arms in a line

Extend your arm movement to touch your shoulder.

Start in the plank position & take one leg out to the side directing the knee to the shoulder (hurdle action). Alternate performing 2 sets of twenty.

Easier: Practice the arm movements with your knees on the floor. Then try to lift up into the plank position



PURPOSE



An essential exercise to work the oblique muscles in the abdomen creating a stable centre to the body as you move the arms. Great replication of stability during sweep oar movement

TOP TIPS

Maintain neutral spine keeping hips level & shoulder blades flat co

Don't let your head & shoulder girdle 'tip' to thee



SIDE PLANK - DYNAMIC

"I can feel my oblique abs strengthening to help transfer power energy smoothly through my core and spine during the stroke drive "

ROW WELL



This works the deep muscles

Set up a side plank by lying on one side on the floor with the knees one on top of each other (stacked). Engage your core as you lift up into a 'plank' position. Keep core engaged





PRESS UPS ON BALLS

"Press ups are great—
this version helps me
balance my upper shoulder
and neck muscles reducing the
risk of shoulder injury "

ROW WELL

Kneel in front of the ball and adopt a three-point pose – feet shoulder width apart – lower chest onto the ball. Hands shoulder width apart. Straighten legs and keep your spine in neutral, slowly press the arms straight & move above the ball. Hold then lower with slow and controlled

Progression: Bring the feet together to increase destabilising effect.

Easier: Try either blocking the ball into a corner whilst kneeling or performing the press whilst standing holding the ball leaning against the wall.



PURPOSE



Works on postural stability of the shoulders in combination with the deep core muscles in the centre of the body. A perfect all-round exercise to minimise over use of the neck

TOP TIPS

Do not let chin poke forwards

Do not wing the shoulder

blades, keep flat on back



BALANCE AND STABILITY - ERGO

ROW WELL

Use a Sit Fit (balance cushion), on the seat & warm up on the ergo. Stabilise on your 'sitting bones' (the knobbly bits).





OwnIT!

ROW WELL

These are just some of the routines that you can use to improve your performance in the boat. The digital version has 'in context' links to other content from our partners and contributors. If you're using a hard copy – you can find web links and additional content here –

These HerMoJo exercises are all about developing 'functional strength' for effective and economical movement – not building bulk strength!! Mix them up with the other ideas, strategies and concepts in the manual to build your 'Inner Strength and Outer Confidence'. Mo Jo

Moving Forward - now you've mastered some of the routines you can start to include them in your training programme

Coaches – use the CORE 4 to introduce your athletes to these ideas as part of you land sessions. At the same time get them used to the idea of functional strength for better, long term boat propulsion. Then see if you can introduce sessions after

water work – ideally starting with one, then moving to two dedicated sessions per week for senior girls. You will already know how important it is to get stabilising routines perfect. Working on their own, teenagers will find it very hard without some support from you, parents etc. So you might think about getting a proactive physiotherapist to join you for one session per month. Check out the OwnIT! Section below – help girls to tune it and maybe use a land session to help them set up shorter sessions at home based on OwnIT!

OwnIT! - set your own core programme.
Once you've mastered the CORE 4 and the ROW WELL section why not try your own sessions at home? Here's a suggested workout (and we mean workout - core work is hard!) which has a set intro - followed by variations which you can tailor to suit. Ask your coach for help with routines and check with your parents that where you are working out is safe. Don't forget you can supplement core sessions easily - just by sitting on a halance hall

Check out the OwnIT! Section. Help girls to tune it and maybe add some land sessions to help them...

- Warm up just sitting & chilling on a balance ball
- Start kneel in front of your ball
- Roll out & stretch
- Superwoman on bal
- Press-up on bal
- Roll out ab crunch
- Plank on Ball
 - Ball Crunchie
 - Hamstring curt.
 - Flys on ball
 - Roll back with bands, oblique
 - Hamstring curls with bands
 - Finish by injecting some general core work with bands

Click for video link when you see this sign



INJURY PREVENTION

STAYING STRONG



A stable core, proper stretch and warm up can reduce the risk of injury and improve recovery times. Hip, ankle and knee injuries are common in teenage girls - particularly from running on hard surfaces. Developing fundamental movement skills for your sport isn't just about being a better athlete or player it will help prevent injury.

These HerMoJo exercises will help strengthen and mobilise localised areas (shoulders, ankles, knees, elbows, wrists etc.). Helping to supplement and support the power muscles and reduce the risk of injury.

Developing a strong core is the best way to prevent injury (particularly to your spine and muscles of the lover back). It will improve your rowing technique, posture and, in the long term, your boat speed and love of the sport.

"I like to check
my back/hip angle
in a mirror"

TOP TIPS:



When you stretch your hamstrings – try touching your toes whilst maintaining a straight and stable back.

Don't worry if you don't reach your toes – concentrate on flexing your hips and loosening hamstrings whilst keeping your back straight & core stable. Check your hip angle in a mirror

STAY STRONG

INJURYPOSTURESTABILITYX TRAINING

POSTURE AND STABILITY

STAYING STRONG

HerMoJo exercises are designed to develop a strong centre around which joints and limbs can produce and transfer force, reducing uneven loading and overloading. Poor posture stems from a weak core and hips. If your hips are weak and cannot flex you will compensate for this by destabilising your lower back. This results in a loss of power transfer and increased risk of lower

Focus on hips — Hip strength and flexibility will increase stroke length and power delivery. Better flexion 'off backstops', by increasing the hip-to-spine angle, not only improves posture but has a huge impact on stroke length and power.

Posture v Power – never sacrifice posture for power in the boat or ergo. Particularly on the ergo – don't always focus on your score (cover the score up sometimes). Ever stroke you pull with bad posture is a stroke backwards. If in doubt, drop the resistance /drag, keep full range of movement and rock-over (getting length from backstops).

" I think - hands, body and then reach off backstops with great posture "

TOP TIPS



Protect your back - don't 'slump'. Keeping your lower back stable will help you 'sit up' with a 'high' rib cage. And be proud of it!

Feel power transferring through your core. ("Strong Core").

Don't slumn

on your sitting bones ind imagine somebody is willing a tuft of hair upwards.

y erging on a 'spongy' sea

CROSS TRAINING FOR ROWING

STAYING STRONG



Rowing is a 'closed' highly restricted, repetitive sport – you do roughly the same thing every stoke. So you (and your coach) are likely to restrict training moves accordingly. This runs the risk of injury and boredom through repetition and overuse – particularly of the lower back. There's a list of good reasons for teenage sportswomen to try Xtraining.

XTraining is fun – and helps with overall body confidence. You may also find the sport you're currently playing may not end up being your favourite!

Cardio-Vascular (getting fitter) - maintain fitness and flexibility by cycling, running and swimming. All similar 'closed' sports which help support the Kinetic Chain used in rowing and improve your endurance and cardio-vascular performance. Many of these don't need to be performed intensively and can be done with mum, dad or friends! Keep thinking about stabilising your core when you do them.

Core stability (getting stronger) - It might not sound like XTraining but dance is not only our 'fav' training exercise it is brilliant for endurance
and core. And
the good news is
that you can't make
a mistake - just let
yourself go and enjoy.
Other great XTraining
includes climbing (take your
crew to the local climbing wall
in the holidays), scrambling,
yoga, skiing, Pilates, even playing
Twister with your little sister is
good. Many of the martial arts judo, karate are also beneficial.

Other – fitter & stronger Crosscountry skiing & running, roller blading and some field sports especially Lacrosse are great for cardio vascular and core

"Trying other sports is fun \$ makes me a better all-round athlete"

TOP TIPS:



XTraining - allows you to:

Try other sports

Focus on other areas (e.g. running helps diaphragm breathing)

Randomly destabilise your

Build asymmetric strength Alleviate horodom

Train with different people in different environments

and strengths from other sports

Fits with 'periodisation' in the closed season



HERMOJO IN THE BOAT

LET'S GO!!!



How do I apply HerMoJo in the boat?

Push the boat – Effective strokes originate from a series of muscles working in harmony. Look good whether you're rowing hard or just paddling. If your stroke looks relaxed and effortless you're probably using all the right muscles in harmony. In the boat or ergo – think about gradually increasing pressure on the handle as you draw to the hips. Don't jerk by using big muscles out of sync, compress more to get length and row longer – you are strengthening those core muscles – use them to transfer energy from your legs, to the water

Don't slow the boat down – you spend lots of energy each stoke accelerating the boat – don' waste it. Be patient on the recovery – use your core muscles to rock over. Take most of your length forward before moving off backstops and maintain posture as you move up the slide Feel your feet 'coming' to you and tucking up under your seat. Let your seat roll right out to length at the front and keep your upper body stable (head still) as you lift the blades into the water.



Quiet paddling — as your core gets stronger you'll be better able to focus on moving the boat past the blade locked in the water. Try paddling 'quiet' – lifting the blades into the water and gently tapping them out at the finish smoothly without rushing or making a noise. Do it for 2-3 mins to really get cohesion in the crew – helping coordinate the crew's 'Kinetic Chain'. Try taking the rate down to 18. then 16! How low can you go paddling quiet?



LET'S GO!!!

- KEY SKILLS
- > WEIGHTS
- → EFFECTIVE MOVEMENT
- → WARMING UP
- → DYNAMIC STRETCHING
- → FOUR MORE



WEIGHT TRAINING FOR CORE

LET'S GO!!!



Weight training can really benefit sportswomen particularly in sports like rowing which need a lot of power. It can boost bone density and promote the strength of connective tissue (ligaments & tendons) but when and how to start?

DON'T start lifting heavy weights on your own. Without guidance, weights can be damaging to young developing bodies - affecting bone development, spinal posture and damaging connective tissues.

The resistance and destabilising techniques (Balls & Bands) we suggest will have a big impact on improving strength along the kinetic chain. This is really important for teenage girls to strengthen a wide range of muscles and connective tissue which support and stabilise your big power muscles (Quads, Ricens, Trans & Pecs)

Adjusted weight training

Weight training can be developed for teenag girls and be very beneficial. BUT the weights used should be much smaller. Rather than building bulk, routines are designed to help build a wide range of muscles by destabilising and strengthening your core out to your limbs. Even low weight bearing helps sharpen your nervous system making your body more efficient.



It's all too tempting to try lifting heavy weights and ignoring the core and supportive muscles.

So DON'T!

"Even using small weights
I can feel how unequal loads
improve my 'asymmetric'
strength & help maintain good
posture throughout the outing "



EFFICIENT, EFFECTIVE, CONFIDENT

LET'S GO!!!

Ä

Adjusted weight training – use weights to increase the stabilising effect of exercises. Try combining them into the exercises in the Row Well Zone. Examples include:

Superwoman – hold a dumbbell in each hand and lifting that up to the horizontal. Try using different weight dumbbells 1Kg & 2Kg – then swap them between hands, feel the difference in your core.

Sitting Balance Ball – try doing a dumbbell arm press (2Kg weights max) – then try it with one, then two feet off the ground.

Side plank – try holding 1-2 Kg dumbbell in your upper arm.

Dead Lift – you won't be doing weighted deadlifts for a while BUT practice the movement using a broom handle and lift it from a position half way up your calf. Really stabilise your lower back and pivot your hips forward whilst curving your back inwards (concave).





WARM UP ON THE LAND

LET'S GO!!!

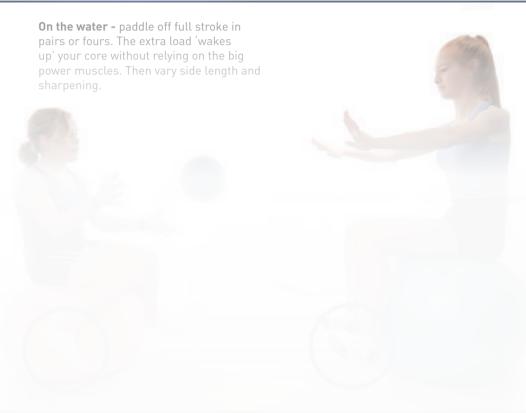


Warm up your cardio vascular system - (heart and Lungs) before exercise. This helps bring your body up to working temperature before too much load is applied. Opening up the small blood vessels helps oxygen transfer to the muscles. Extra bloodflow also reduces risk of injury by extending and challenging ligaments/ tendons and joints to move across a wider range of movement.

Stretching - before a land session is just as important as before a water session. In some ways, more so as the stability you get from being on dry land lets you extend more comfortably and naturally focus on the length of your stretch (stroke) without the imbalance of the boat.

You can run to warm up your heart and lungs or perhaps go 'paddling' on the erg Once you're warmed up – stretching is essential

Use some of the ball exercises or checkouthe dynamic stretching exercises on the next page.





DYNAMIC STRETCHING

These are a selection of dynamic stretching exercises suitable for rowers. They mainly work on your hip flexors, lower back, core and hamstrings. Try these after you have done your CV warmup. And don't forget a cool down stretch after intensive work.

LUNGE & REACH

Step forward, 'place' one leg forward into a traditional lunge until your 'back' knee almost touches the ground Hold and reach across and over the forward knee. Feel a stretch in your 'outer' hip as you reach up and to the side. Hold then return to

standing by pushing on forward leg. Repeat oth side.

SINGLE-LEG LIFT

Your hamstrings need attention every session. One foot firmly on the ground, kick back with your other heel and feel a stretch in your hamstrings. Keep both hips parallel and back flat. Extend gradually over a

CAT & CAMEL

our lower back transfers lots of energy so loosen it – on your hands and knees push your upper back up as much as bossible, drop your head and round your lower back (Camel). Hold for 2 secs. Then arch your lower back downwards (Cat) and look up to the sky. Hold 2 secs. Alternate between these two. From the Cat drop back on to your haunches whilst leaving your hands fixed in position – try to drag your hands back

LET'S GO!!!

UMO SQUATS each

Get your glutes and quads going. Reach above your head and gently squat to a sitting position whilst maintaining a straight spine and neck. Reach both arms overhead, with hands above

P'PLUS'

Mobilise your entire spine.
Lay on the floor bring right
knee to chest and use cross
left hand to bring it across
your body. Feel stretch in
your glutes and lower back.
Stretch your right arm away
from your knee and turn your
head to look at it. Hold 30

x10 each

FOUR MORE X4

Resistance and stability training can be supplemented in a number of ways – we touch on four of them here. Use these as 'tasters' - but ask your coach/teacher to introduce you to these four and build them into your programme.



TOP TIPS: 🛱





LET'S GO!!!

TOP TIPS:

GLOSSARY

LET'S GO!!!

Asymmetric strength – many exercises use balanced, symmetrical loading – squat, bench press etc. Yet in all sports the body moves in a variety of 'planes' around a central axis. Asymmetric strength improves movement efficiency between these planes. Even apparent symmetrical (sports such as sculling) can benefit from the increased stability from asymmetric training.

Cardio-Vascular (CV) – low to high intensity exercise that impacts the heart/lungs and the increasing ability to deliver oxygen to the muscles

Core Strength/stability – the ability to find & stabilise the corset of muscles surrounding the back and abdomen. These core muscles provide a solid base for effective movement and efficient transfer of force.

De-stabilise – deliberate or unintentional destabilisation of (core muscles. Done deliberately to help wake up and recruit smaller, supportive muscles as part of the Kinetic Chain. **See P 10.**

Kinetic Chain – effective and efficient use of muscles, nerves and joints which, when working together produce stable, confident and efficient movement. See P 10.

Neutral Spine – the natural position when all 3 curves of the spinal – cervical (neck), thoracic (middle) and lumbar (lower) are in good alignment. This is the strongest position when standing or sitting. See P 09.

Osteoporosis - fragile bones causing an increased susceptibility to

fracture. Bone density decreases after 35 years of age, and more rapidly in women after menopause. See Female Triad – See P 25.

Pelvic Floor - the sheet of supporting muscles under the uterus, bladder, and colon (large intestine). Finding and strengthen it is like pretending that you have to pee, and then holding it.

Periodisation – systematic planning of athletic training in order to reach peak performance for one specific event or for a season. Typically, focusing on; endurance, power, technique etc. at various stages in the cycle – including rest. See P 45.

Physical Literacy – Body awareness, motivation, confidence, physical competence, knowledge and understanding - to value and want to engage in physical activity.

Pilates - Pilates strengthens your body in a balanced way, with particular emphasis on core strength to improve general fitness wellbeing and efficient movement. Named after Joseph Pilates.

Proprioception – sensing relative position of body segments and their associated movement using stimuli from a range of organs – principally from nerve sensors in the limbs. Important for the precise co-ordination involved in sport

Yoga - an ancient form of exercise focusing on strength, flexibility and breathing to boost physical and mental wellbeing. The main components are posture (movements designed to increase strength and flexibility) and breathing.



LET'S GO!!!

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The Women's Sports Network (WSNet) is a self-funded cooperative of individuals working independently as associates and part-time volunteers. It is a not-for-profit community approaching one hundred thousand worldwide. Crystallising the issues & coordinating opportunities around WomenSport & Fitness by working in partnership with commercial/NGBs/educational/Charity organisations to raise the profile of WomenSport & SportsWomen. Advocating better access to Sport/FITNess, alleviating gender-bias and empowering women & girls through sport & fitness in their everyday lives.

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