



Wodensfield Primary School PHYSICAL EDUCATION YEAR 3 GYMNASTICS MOVEMENT ACTIVITIES: Symmetry and Asymmetry

What the children should know and remember (previous relevant learning):

Year 2: To explore different ways to balance on apparatus. To be able to work in	Year 3: To talk, listen and plan with a partner. To be able to try to describe what was
	good about a performance. To capture moving images using an i-Pad to aid the
using travel actions. To learn about working in unison.	improvement of a performance. Pike, Straddle, Pencil, Straight, Tuck shapes when jumping.

During this unit of work, children will learn:

HANDS (DOING)	HEAD (THINKING)	HEART (FEELING / BEHAVIOUR)
to develop an understanding of how to use body to make symmetrical &	to create, remember & repeat sequences on own / with a	to be safe at all times and follow instructions.
asymmetrical shapes on own & with a partner on floor & apparatus.	partner.	how to carry and move apparatus carefully and safely with others.
to practise using an i-Pad to capture still images of shapes with some	how to choose a variety of actions to perform.	how to work on their own and with a partner safely whilst sharing
success.	to think about changing levels when still & travelling.	space & apparatus.
to link symmetrical and asymmetrical shapes with travelling gymnastics	how to plan and discuss performing on apparatus with a	to compare their performance to others.
actions.	partner to add variety to performance of symmetrical	to challenge self to attempt and master more difficult skills.
to adapt symmetrical and asymmetrical shapes practised on floor to be	and asymmetrical shapes.	that strength & flexibility are important for physical activity.
able to hold them with control whilst on apparatus.	to choose how to transfer shapes from floor to apparatus	to explain the importance of a warm up.
to develop ways to work with a partner when linking actions in a planned	with some success.	to talk about how to stay healthy.
sequence, such as mirroring, side by side, back to back, away from &	how to plan & describe if an action performed by others	to recognise and describe the effects of exercise on the body.
following.	was good and then try to improve it.	to be determined to try more difficult skills.
how to perform good quality actions.	to choose how to improve the quality of actions, shapes	to be confident to ask for help.
how to improve flexibility in their movements	and jumps.	to say positive things about their own ability and performances.

ASSESSMENT FOCUS:

HANDS (DOING)	HEAD (THINKING)	HEART (FEELING / BEHAVIOUR)		
Can perform symmetrical & asymmetrical shapes	Create & remember sequences on own & with a	Is safe at all times Can work on own & with others / listen to others		
Practise different ways to forward roll & develop	partner	Know how to share, move & carry equipment safely		
Can jump with a partner in unison	Can describe a performance	Compare own performance with others		
Can perform actions and shapes on different levels	Choose how to improve the quality of actions	Learn to explain importance of a warm up / explain the effects of exercise		
	Plan & discuss how to perform on apparatus with	Show determination when challenged with harder skills & confident to try		
	a partner	new skills		

What the children will learn next (in next gymnastics unit of work – Year 4 Balance – Small & large body parts: To explore ways to balance on small and large parts of the body, holding unusual shapes.

To learn to balance completely on and partly in apparatus of different heights.

To plan, create, practise, remember and perform a sequence to an audience.

To be able to help another performer to improve a complete performance after observing it.

Banana Game:	Stuck in the mud:	Musical statues:	Traffic lights:	Under the sea:	Fire & ice:
Travel around hall,	Walk during first game,	When music is playing,	On commands children	Children to walk, skip,	3 children to each have
walking to start, then	then skip, then jog	children to travel in	to hold a shape on a	jog around mats in	an ice pack (bean bag).
skipping / jogging. On	without touching mats.	different ways around	mat or travel in a	between commands:	4 children to each have
call make these shapes:	2 children to be	floor without touching	certain way around	Starfish: Star jump	a red hot hoop (hoop).
Banana – hold banana	'taggers'.	mats. When music	mats:	around mats.	Others to travel around
shape either standing or	If tagged, children must	stops, children to hold	Red: Freeze. Amber:	Crab: Side stepping	mats (start with walk,
lying.	hold a given shape on a	different shapes still on	Skip.	with arms outstretched	then skip, then jog). If
Banana split – hold	mat then be freed by	closest mat:	Green: Joq.	horizontally.	tagged by a child with
banana shape with legs	others as follows:	Small, curled up shape;	Car wash: Lie on	Seahorse: Keeping	an ice pack, children to
apart.	Star shape on feet:	star shape; long, thin	floor & roll from dish	arms by sides, travel	stand on a mat holding
Banana shake — shake	freed by someone	shape; on a named	to arch shape.	taking tiny steps on tip	a pencil shape still.
body whilst holding	travelling between their	body part only, upside	Speed bumps: 2	toes.	They are freed by a
banana shape.	legs.	down, with feet in the	footed jumps around	Jellyfish: Travel	child with a red hot
Squashed banana —	Table: On hands &	air, a free choice of an	room with arms	quickly around mats,	hoop moving hoop ove
make flat star shape on	feet facing floor like a	unusual shape, etc.	stretched up by ears.	lifting knees high and	their body from top to
floor.	table. Freed by	Change the shape that	In the garage: Hold	shaking hands up and	bottom, then they step
	someone crawling under	has to be made after	table shape still on a	down.	out of hoop when it
	body.	every few stops of the	mat.	Shark attack: Children	reaches mat. Change
	Arch:	music & increase speed	Windscreen wipers:	to lie down flat on a	children with ice packs
	Lie on tummy, lifting	of travelling to music	Lie on back on a mat	mat or sit on a piece of	and red hot hoops a
	arms & legs. Freed by	from walking to skip,	with legs up straight.	apparatus & lift feet off	few times & increase
	someone performing 2	hop, jump, low, high,	Open & close legs.	floor.	travelling speed.
	feet to 2 feet pencil	sideways, hands & feet	Round the	5	
	jump over body.	etc.	roundabout: Travel		
			around one mat.		

Lesson No/ Week	Learning Objective	Success Criteria (Differentiated)	Activities	Resources	Key Vocabulary Key Questions
1	To show an understanding of symmetrical & asymmetrical shapes.	All – will have opportunity to experiment with symmetrical & asymmetrical shapes. Most – can explain the difference between symmetrical and asymmetrical. Some – will be able to consider how to change shapes from symmetrical to asymmetrical.	Pupils to recap on what is gymnastics from previous experiences. Introduce idea of normal and unusual shapes that you can hold still. Get pupils to play musical statues. Challenge pupils to change the way they travel every time the music restarts and state that walking and running are not allowed. When music stops, get pupils to hold a normal standing / sitting / lying down shape. Play a few times, then ask pupils to now hold an irregular, unusual shape that they would not be allowed to be in when in assembly or when lining up after playtime when music stops. Introduce terms 'symmetry' & 'asymmetry' and check pupils understanding from maths. Draw diagrams on board to demonstrate both and talk about / show a mirror line. Now give pupils a short time to make their bodies into 3 symmetrical shapes on 3 different levels (high, medium, low) where both sides of their body is held in the exact same way. Pupils are to share a mat with a partner & ask them check each other's symmetry with an invisible pen to mark mirror line along their partner's body. Demo good ideas and discuss. Now repeat to adjust pupils' 3 symmetrical shapes into create 3 asymmetrical shapes on 3 different levels so that the shapes are not the same on each side of their bodies. Demo & discuss. Get pupils to practise all 6 shapes they have chosen (3 symmetrical & 3 asymmetrical) and ask them to hold each one for 3 seconds. Finally, play musical statues again. Pupils to move using different travel actions and when music stops call symmetrical or asymmetrical to determine shape held on a mat by pupils. Some children may find it difficult to understand whether their shape is showing symmetry or asymmetry. Using an i-Pad to capture a photo of their shape and showing them could help to demonstrate to them. Some children may Some children should be challenged to make their initial shapes more difficult to perform to increase their level of difficulty. This may be something simple like changing a symmetrical star shape to hold it on relevé (on tiptoes) or	Mats.	Can you remember what skills you perform in gymnastics? What is the difference between symmetry and asymmetry? Vocab: regular, unusual, symmetry, asymmetry, shape, still, squeeze, tension, levels, partner, hold, low, medium, high, line of symmetry.
2	To explore ways to link symmetrical & asymmetrical shapes.	All – will use basic actions to link shapes. Most – can perform a variety of gymnastics actions. Some – will perform more advanced linking actions showing quality.	Recap on what is symmetry and asymmetry from last lesson. Give pupils some time to recap and practise their 3 symmetrical shapes and 3 asymmetrical shapes on high, medium and low levels. Now ask pupils to choose 6 different areas of the room (can be mats or floor) where pupils can perform each of their 6 shapes. Once they have decided which shape will be performed in which area, challenge pupils to now find ways they use gymnastics actions to travel in between their shapes and link them together into a sequence. Get pupils to brainstorm travel actions (rolls, jumps, turns, skip, hop, slide, crawl, elephant walks on hands & feet, walkovers, cartwheels,	Mats. Music.	What actions can you perform to link shapes? Vocab: As for lessons 1 - 2 + travel, link, sequence, levels, dynamics.

			round offs, etc.) Discuss not repeating travel actions and challenge pupils to try to travel on a variety of levels. Can they show a change in each way chosen to travel? Demo good ideas. Recap on 'sequence.' Pupils to link together 5 ways to travel. When each mat is reached pupils to hold still one of their symmetrical or asymmetrical shapes. Practise to music. Some children may need to concentrate on 2 symmetrical and 2 asymmetrical shapes to be able to remember and recall them to be able to include them in a sequence. Some children can be challenged to include more than 3 symmetrical & asymmetrical shapes in their sequence. This will then require them to perform more travel actions to link their shapes and should be encouraged to try to ensure there are no repeated travel actions.		
3	To perform shapes on apparatus.	All – can attempt to perform shapes on different heights of apparatus. Most – can perform with control and quality. Some – can alter shapes to make them more complex.	Place low apparatus around hall with mats besides them. Get pupils to remember their 3 symmetrical and 3 asymmetrical shapes from previous lessons and challenge pupils to practise performing their shapes on different pieces of apparatus. Demo good ideas and discuss if any of their shapes had to be adjusted to perform them on apparatus. Pupils to practise again on all pieces of apparatus then ask pupils to choose one piece of apparatus for each shape. Demo & discuss how to hold shapes still when no longer touching the floor. Now challenge pupils to practise using gymnastics actions such as jumps, turns, rolls, cartwheels, to get out of shapes back on to floor. Demo good ideas and allow pupils time to experiment with the examples they see. Now if time, pupils to use their travel actions from last lesson when they have got out of shape to move to next piece of apparatus for next shape to develop their sequence further. Practise sequence to music. <i>Some children may be able to perform certain actions to get out of shapes from apparatus onto floor, but may need to alter shape to make the transition easier: for example, a child may need to step one foot onto floor before performing a cartwheel to get out of shape, or may need to get onto knees on apparatus to be able to forward roll onto floor. <i>Some children can be challenged to perform actions to get out of shapes on apparatus, without having to first adjust the shape to make the transition easier: for example, they may be able to cartwheel / round off with hands on floor straight from standing in a shape on apparatus. They may be able to roll forwards / backwards / sideways from a low shape held on apparatus straight onto floor. Ensure children make their body low by bending arms and knees as they transition into the dismounting action to cushion the impact and avoid suddenly hitting the mats.</i></i>	Mats. Benches. Low - medium apparatus. Music.	What actions can you use to get out of a shape? Vocab: As for lessons 1 - 3 + apparatus, into, out of.

4	To explore a variety of ways to work with a partner.	All – can talk, listen to and plan with a partner. Most – can explore different ways to perform together. Some – will be able to perform both symmetry and asymmetry together.	Give pupils time to recap their 3 symmetrical & 3 asymmetrical shapes performed on 6 different pieces of apparatus. Now get pupils into 2's, and ask them to take it in turns to teach their partner their 6 shapes. Swap over. Recap on ways to work with a partner. Now partners are to choose 3 favourite symmetrical shapes between them and practise together on apparatus so that both partners are holding the same shape on apparatus to show symmetry, so that each one of the shapes is on a one of the 3 levels. Discuss an imaginary mirror line between them with symmetry to be seen on both sides. Demo good ideas. Discuss ways to work together: facing, back to back, side by side etc and think about how to communicate together so that shapes can be held for the count of 3. Now ask pupils to adapt their 3 shapes to develop 3 more shapes that show asymmetry and can be performed together at the same time on apparatus. Discuss what either one or both partners need to do to change the symmetrical shape, so it is showing asymmetry. Give time to experiment and each pair should end up with 6 shapes that they can perform together in a variety of ways on apparatus with the same shape at the same time being performed. <i>Some children may benefit from working with a more able partner to help with the discussions about symmetry and asymmetry between 2 performers.</i> <i>Some children may find it easier to create the asymmetrical shapes by one partner only changing the position of one arm or leg for example to create the asymmetrical shape between the 2 partners.</i> <i>Some children can be challenged to create symmetrical & asymmetrical shapes in pairs where one partner is on apparatus and the other is on the floor, so they are on different levels, or where both partners are holding</i>	Mats. Benches. Low - medium apparatus.	Do you remember ways to work with a partner? Vocab: As for lessons 1-4 + partner, talk, listen, plan, perform, side by side, back to back, mirror, facing.
5&6	To be able to capture still images of shapes using i- Pads.	All – know how to use an i- Pad to take a still photograph. Most – can make sensible adjustments to ensure shapes are correctly captured. Some – can advise and show others how to use i-Pads correctly.	shapes so that their bodies partly touch both the apparatus and the floor. Pupils in same pairs as previous lesson. Get them to practise their 6 partner shapes (3 showing symmetry, 3 showing asymmetry) performed on apparatus at the same time. Now recap on how using i-Pads can help us to evaluate and improve our gymnastics work. Discuss how to take (capture) still photographs using an i-pad camera function. Go over importance of where you stand to take photo and ensuring whole bodies of both partners must be visible in photo. Join pairs together into groups of 4. 1 pair to take photos of their 'partner' pair's symmetrical & asymmetrical shapes and then swap over. Once finished, group must sit down and look at photos together. Any which do not show whole bodies of each person must be deleted and retaken until each group of 4 have photographs showing each partner shape. Now look at photographs and decide if there is anything that can be done to improve the shapes showing symmetry and asymmetry. Get children to think about the quality of the shapes, the levels being used and if the shapes are truly showing symmetry and asymmetry. If so, the photos must be re-taken with	Mats Benches i-pads	How can i-pads help us to improve our performance? Did you find it easy to ensure the whole shape was captured? Vocab: As for lessons 1-5+ i- pad, capture, still, photograph, observe, evaluate, change, improve, share, co-operate.

			pupils making changes to shapes to improve them. Observe photos again and evaluate / compare to original photos. Some children may find it difficult to independently capture a performance effectively so that it can be analysed, so they may need a few more attempts and possibly some assistance. Some children may find it more difficult to describe what was good about a performance and should be encouraged to look at how the partners worked together, the quality of the shapes made and whether symmetry and asymmetry can be clearly seen. Some children should be challenged to suggest ways that their own performance could be improved as well as the performance of others as this tends to be more difficult. They should be encouraged to use specific gymnastics vocabulary such as the names of the shapes held, stretch, quality, control, symmetry, asymmetry, etc		
7 & 8	To work with a partner to create a sequence using apparatus and floor.	All – can create a basic sequence linking shapes. Most – can link shapes using different levels and dynamics. Some – can smoothly link shapes with more advanced travel actions.	Give pupils time to recap on & practise their 6 shapes to be performed with a partner. (3 symmetry & 3 asymmetry on apparatus and / or floor to be performed on high, medium and low levels.) Recap on the imaginary mirror line between them with symmetry / asymmetry to be seen on both sides. Demo good ideas again. Recap ways to work together: facing, back to back, side by side etc. Pupils to choose different pieces of apparatus for their shapes and use travelling actions to link them together in to a smooth sequence. Play a piece of music with no lyrics for pupils to practise and perform to. Give pupils plenty of time to practise their sequence and when ready allow pairs to perform to the rest of class. Ask other pupils to comment on what was good about the sequences they saw and what they could do to improve their gymnastics work. Some children may benefit from working with a more able partner to create and perform a sequence as they may have difficulty remembering their sequence. Some children should be challenged to plan and perform gymnastics actions to get into and out of their partner shapes in addition to their linking travel actions. They can be encouraged to add jumps, rolls and turns to do this.	Mats. Benches. Low - medium apparatus. Music.	How can you work together to create a smooth sequence? Vocab: As for lessons 1-5 + sequence, smooth, quality.