



The Early Years Foundation Stage:

A Summary



Support children to become confident and competent in their own learning. This includes the development of their knowledge, skills and attitudes. It also includes the development of their personal, social and emotional skills.

Physical
 Develop a range of physical skills and abilities. This includes the development of their gross motor skills, fine motor skills and coordination.



Communication and Language
 Develop their communication and language skills. This includes the development of their listening, speaking, reading and writing skills.

Key Messages

- Support children to become confident and competent in their own learning.
- Develop a range of physical skills and abilities.
- Develop their communication and language skills.
- Develop their personal, social and emotional skills.
- Support children to become confident and competent in their own learning.
- Develop their communication and language skills.



Develop their communication and language skills. This includes the development of their listening, speaking, reading and writing skills.

Mathematics
 Develop their mathematical skills and abilities. This includes the development of their counting, number, shape, space and measurement skills.



Science
 Develop their scientific skills and abilities. This includes the development of their understanding of the natural world, the human body and the environment.

Art and Design
 Develop their artistic skills and abilities. This includes the development of their drawing, painting, sculpture and design skills.

Additional Learning and Teaching

Support children to become confident and competent in their own learning. This includes the development of their knowledge, skills and attitudes. It also includes the development of their personal, social and emotional skills.

Physical
 Develop a range of physical skills and abilities. This includes the development of their gross motor skills, fine motor skills and coordination.



Communication and Language
 Develop their communication and language skills. This includes the development of their listening, speaking, reading and writing skills.



Health and Safety

Support children to become confident and competent in their own learning. This includes the development of their knowledge, skills and attitudes. It also includes the development of their personal, social and emotional skills.

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 Develop their mathematical skills and abilities. This includes the development of their counting, number, shape, space and measurement skills.

Science
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Art and Design
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Physical
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Teaching Foundation Stage

Padhraic Smyth



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web easy handling bolt numbering shall be done clockwise around the flange with the following sequence the table below shows the torque sequence for flanges with 4 to 32 bolts number of bolt studbolt tightening sequence to follow4 bolt flange1 3 2 4 8 bolt flange1 5 3 7 2 6 4 8 12 bolt flange1 7 4 10 2 8 5 11 3 9 6 12 16 bolt

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web for flanges with 12 or more bolts 1 st round 20 percent of final torque 2 nd round 40 percent of final torque 3 rd round 80 percent of final torque 4 th round 100 percent of final torque final round clockwise or counter clockwise around the flange please take note the above bolt tightening sequences are the most

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web number of bolt stud bolt tightening sequence to follow 4 bolt flange 1 3 2 4 8 bolt flange 1 5 3 7 2 6 4 8 12 bolt flange 1 7 4 10 2 8 5 11 3 9 6 12 16 bolt flange 1 9 5 13 3 11 7 15 2 10 6 14 4 12 8 16 20 bolt flange 1 11 6 16 3 13 8 18 5 15 10 20 2 12 7 17 4 14 9 19 24 bolt flange

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web ensure the bolt lengths allow for a minimum of 2 3 threads protruding beyond the top of the nut when tightened bolts must be tightened according to the below sequence options assemble bolts hand tight maximum 30 of final tightening torque as per below cross pattern sequences

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web step 1 liberally lubricate all load bearing surfaces including threads and flat washers then install and finger tighten all fasteners number the bolts flange according to the bolt torque sequence step 2 set the torque wrench to 1 3 of the target torque value and tighten in an order bolts 1 2 3 4 until all have been tightened

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bolt then move 1/4 turn around the circle or 90 degrees for the third bolt and directly across for the fourth continue this sequence until all bolts are tightened when tightening a four bolt flange use a criss cross

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web dec 17 2020 bolt tightening sequence why it matters to complete a flange joint securely it is essential to control the stress variation in the flange joint components in the case of the gasket this needs to be compressed evenly across the flange face if you were to tighten adjacent bolts when those opposite remain loose the result will be

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