



AUBURN • CHARLTON • DUDLEY • NORTH BROOKFIELD • OXFORD • PAXTON  
 RUTLAND • SOUTHBRIDGE • SPENCER • WEBSTER  
**Southern Worcester County Regional Vocational School District**  
**BAY PATH REGIONAL VOCATIONAL TECHNICAL HIGH SCHOOL**  
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**Curriculum Coordinator**

VC.VMASN.2.A.01.03	A:Masonry and Tile Setting Safety and Health Knowledge and Skills	Demonstrate the use and maintenance of fall protection systems.
VC.VMASN.2.B.01	B:Read and Interpret Prints	Identify, describe and use working drawings.
VC.VMASN.2.B.01.01	B:Read and Interpret Prints	Explain the basic layout of a set of prints as well as the importance of the accompanying job specifications document.
VC.VMASN.2.B.01.02	B:Read and Interpret Prints	Identify and define basic print terms, abbreviations, line types, symbols and notes.
VC.VMASN.2.B.01.03	B:Read and Interpret Prints	Interpret and follow drawing dimensions using an architect scale.
VC.VMASN.2.B.01.05	B:Read and Interpret Prints	Describe, develop and complete material quantity takeoff sheets.
VC.VMASN.2.F.01.01	F:Mixing of Various Cementitious Materials	Identify appropriate mortar for a specified application.
VC.VMASN.2.F.01.05	F:Mixing of Various Cementitious Materials	Mix with power mixers.
VC.VMASN.2.G.01.03	G:Measurements	Measure and estimate materials for a specific project.
VC.VMASN.2.G.01.04	G:Measurements	Establish grades and or heights with a builder's level.
VC.VMASN.2.G.01.05	G:Measurements	Calculate the area and volume of a specified project.
VC.VMASN.2.J.01.02	J:Brick Leads and Corners	Construct brick quoin corner.
VC.VMASN.2.J.02.07	J:Brick Leads and Corners	Construct 12" block corner lead.
VC.VMASN.2.J.02.08	J:Brick Leads and Corners	Construct 12" block wall between established leads or deadmen.
VC.VMASN.2.K.01	K:Masonry Finishing and Restoration	Demonstrate how to joint, cut, repoint and clean masonry.
VC.VMASN.2.K.01.02	K:Masonry Finishing and Restoration	Cut out joints and tuck point wall on existing work.
VC.VMASN.2.K.01.03	K:Masonry Finishing and Restoration	Rub, brush and touch-up a wall.
VC.VMASN.2.K.01.04	K:Masonry Finishing and Restoration	Demonstrate the 'Wash-Down' procedure with chemical cleaners following current industry and OSHA standards.
VC.VMASN.2.L.01	L:Building Layout	Apply the fundamentals of building layout.
VC.VMASN.2.L.01.01	L:Building Layout	Read and interpret a basic masonry drawing.
VC.VMASN.2.M.01.06	M:Tile Setting	Make cuts in tile using various tile cutting tools.
VC.VMASN.2.N.01	N:Scaffolding	Demonstrate assembly, use, and dismantling of scaffolding according to industry and OSHA standards.
VC.VMASN.2.N.01.01	N:Scaffolding	Identify all components of steel tubular sectional scaffolding.
VC.VMASN.2.N.01.02	N:Scaffolding	Layout scaffold location and place mud-sill planking.
VC.VMASN.2.N.01.03	N:Scaffolding	Erect frames with cross-braces on screw jacks.
VC.VMASN.2.N.01.04	N:Scaffolding	Level, plumb and range scaffold frames.
VC.VMASN.2.N.01.05	N:Scaffolding	Set-up side brackets, walking plank and deck plank.
VC.VMASN.2.O.01	O:Various Masonry Walls	Demonstrate the construction of various masonry walls.
VC.VMASN.2.O.01.01	O:Various Masonry Walls	Construct a brick veneer on a wood-frame structure.
VC.VMASN.2.O.01.04	O:Various Masonry Walls	Layout openings and space for doors and windows.
VC.VMASN.2.O.01.05	O:Various Masonry Walls	Set sills and lintels at designated heights.
VC.VMASN.2.P.01	P:Reinforcement of Masonry	Demonstrate various ways to reinforce masonry.
VC.VMASN.2.P.01.02	P:Reinforcement of Masonry	Install wire reinforcement tracking in bed joints.
VC.VMASN.2.Q.01	Q:Waterproof Masonry Construction	Demonstrate the installation of flashing and waterproofing.
VC.VMASN.2.Q.01.01	Q:Waterproof Masonry Construction	Demonstrate how to damp-proof walls.
VC.VMASN.2.Q.01.02	Q:Waterproof Masonry Construction	Install flashing using various techniques.
VC.VMASN.2.Q.01.03	Q:Waterproof Masonry Construction	Caulk expansion joints, window and door jams.
VC.VMASN.2.R.01	R:Chimneys and Fireplaces	Construct residential chimneys and fireplaces according to industry and OSHA standards.
VC.VMASN.2.R.01.02	R:Chimneys and Fireplaces	Construct firebox with ash dump, damper and smoke chamber.

VC.VMASN.2.R.01.03	R:Chimneys and Fireplaces	Install lead flashing and cap chimney.
VC.VMASN.2.S.01	S:Concrete Finishing	Demonstrate how to place and finish concrete.
VC.VMASN.2.S.01.02	S:Concrete Finishing	Prepare area to grade and set forms.
VC.VMASN.2.S.01.03	S:Concrete Finishing	Place, screed, and bull-float the concrete surface.
VC.VMASN.2.S.01.04	S:Concrete Finishing	Edge and groove according to job requirements.
VC.VMASN.2.S.01.05	S:Concrete Finishing	Demonstrate various finishing techniques (e.g., broomed, troweled, pattern stamped).
VC.VMASN.2.T.01	T:Arches	Demonstrate the construction of various arches.
VC.VMASN.2.T.01.01	T:Arches	Identify the various arches.
VC.VMASN.2.T.01.02	T:Arches	Explain the construction of wooden forms and arches.
VC.VMASN.2.U.01	U:Residential and Ornamental Masonry	Construct residential and ornamental masonry.
VC.VMASN.2.U.01.01	U:Residential and Ornamental Masonry	Construct brick and block planter with cap.
VC.VMASN.2.U.01.02	U:Residential and Ornamental Masonry	Construct brick steps with a platform.
VC.VMASN.2.U.01.04	U:Residential and Ornamental Masonry	Describe procedures used to install landscape retaining walls.
VC.VMASN.2.U.01.05	U:Residential and Ornamental Masonry	Compare and contrast the construction of stone and brick/block walls.
VC.VMASN.2.U.01.06	U:Residential and Ornamental Masonry	Define details from a basic set of construction plans.