

Digital I/O digitalRead() digitalWrite() pinMode()	Math abs() constrain() map() max() min() pow() sq() sqrt()	Random Numbers random() randomSeed()
Analog I/O analogRead() analogReference() analogWrite()		Bits and Bytes bit() bitClear() bitRead() bitSet() bitWrite() highByte() lowByte()
Zero, Due & MKR Family analogReadResolution() analogWriteResolution()	Trigonometry cos() sin() tan()	External Interrupts attachInterrupt() detachInterrupt()
Advanced I/O noTone() pulseIn() pulseInLong() shiftIn() shiftOut() tone()	Characters isAlpha() isAlphaNumeric() isAscii() isControl() isDigit() isGraph() isHexadecimalDigit() isLowerCase() isPrintable() isPunct() isSpace() isUpperCase() isWhitespace()	Interrupts interrupts() noInterrupts()
Time delay() delayMicroseconds() micros() millis()		Communication Serial Stream
		USB Keyboard Mouse
Sketch loop() setup()	Arithmetic Operators % (remainder) * (multiplication) + (addition) - (subtraction) / (division) = (assignment operator)	Pointer Access Operators & (reference operator) * (dereference operator)
Control Structure break continue do...while else for goto if...else return switch...case while	Comparison Operators != (not equal to) < (less than) <= (less than or equal to) == (equal to) > (greater than) >= (greater than or equal to)	Bitwise Operators & (bitwise and) << (bitshift left) >> (bitshift right) ^ (bitwise xor) (bitwise or) ~ (bitwise not)
Further Syntax #define (define) #include (include) /* */ (block comment) // (single line comment) ; (semicolon) {} (curly braces)	Boolean Operators ! (logical not) && (logical and) (logical or)	Compound Operators &= (compound bitwise and) *= (compound multiplication) ++ (increment) += (compound addition) -= (decrement) -= (compound subtraction) /= (compound division) ^= (compound bitwise xor) = (compound bitwise or)
Constants Floating Point Constants Integer Constants HIGH LOW INPUT OUTPUT INPUT_PULLUP LED_BUILTIN true false	Data Types String() array bool boolean byte char double float int long short string unsigned char unsigned int unsigned long void word	Variable Scope & Qualifiers const scope static volatile
Conversion byte() char() float() int() long() word()		Utilities PROGMEM sizeof()