**JavaScript Get Date Methods**

These methods can be used for getting information from a date object:

**Method Description**

getFullYear() Get the year as a four digit number (yyyy)

getMonth() Get the month as a number (0-11)

getDate() Get the day as a number (1-31)

getHours() Get the hour (0-23)

getMinutes() Get the minute (0-59)

getSeconds() Get the second (0-59)

getMilliseconds() Get the millisecond (0-999)

getTime() Get the time (milliseconds since January 1, 1970)

getDay() Get the weekday as a number (0-6)

Date.now() Get the time. ECMAScript 5.

**UTC Date Methods**

UTC date methods are used for working with UTC dates (Universal Time Zone dates):

**Method Description**

getUTCDate() Same as getDate(), but returns the UTC date

getUTCDay() Same as getDay(), but returns the UTC day

getUTCFullYear() Same as getFullYear(), but returns the UTC year

getUTCHours() Same as getHours(), but returns the UTC hour

getUTCMilliseconds() Same as getMilliseconds(), but returns the UTC milliseconds

getUTCMinutes() Same as getMinutes(), but returns the UTC minutes

getUTCMonth() Same as getMonth(), but returns the UTC month

getUTCSeconds() Same as getSeconds(), but returns the UTC seconds

**Set Date Methods**

Set Date methods are used for setting a part of a date:

**Method Description**

setDate() Set the day as a number (1-31)

setFullYear() Set the year (optionally month and day)

setHours() Set the hour (0-23)

setMilliseconds() Set the milliseconds (0-999)

setMinutes() Set the minutes (0-59)

setMonth() Set the month (0-11)

setSeconds() Set the seconds (0-59)

setTime() Set the time (milliseconds since January 1, 1970)

**Math Object Methods**

**Method Description**

abs(x) Returns the absolute value of x

acos(x) Returns the arccosine of x, in radians

acosh(x) Returns the hyperbolic arccosine of x

asin(x) Returns the arcsine of x, in radians

asinh(x) Returns the hyperbolic arcsine of x

atan(x) Returns the arctangent of x as a numeric value between -PI/2 and PI/2 radians

atan2(y, x) Returns the arctangent of the quotient of its arguments

atanh(x) Returns the hyperbolic arctangent of x

cbrt(x) Returns the cubic root of x

ceil(x) Returns x, rounded upwards to the nearest integer

cos(x) Returns the cosine of x (x is in radians)

cosh(x) Returns the hyperbolic cosine of x

exp(x) Returns the value of Ex

floor(x) Returns x, rounded downwards to the nearest integer

log(x) Returns the natural logarithm (base E) of x

max(x, y, z, ..., n) Returns the number with the highest value

min(x, y, z, ..., n) Returns the number with the lowest value

pow(x, y) Returns the value of x to the power of y

random() Returns a random number between 0 and 1

round(x) Rounds x to the nearest integer

sign(x) Returns if x is negative, null or positive (-1, 0, 1)

sin(x) Returns the sine of x (x is in radians)

sinh(x) Returns the hyperbolic sine of x

sqrt(x) Returns the square root of x

tan(x) Returns the tangent of an angle

tanh(x) Returns the hyperbolic tangent of a number

trunc(x) Returns the integer part of a number (x)