SAMPLE SWING TRADING PLAN

SHORT-TERM STOCK SWING TRADING AFTER PRICE RETRACEMENT IN AN UPTREND

SWING TRADING INVESTING PLAN
SHORT-TERM SWING TRADING OUTLINE

SWING TRADING INVESTING PLAN - OUTLINE

For: ____________________

Mentor: __________________

Date: ____________________

Objective

To trade short-term rallies in a long-term uptrend.

Watch List Criteria

Fundamentals

Technicals

Entry Rules

Money Management

Exit Rules

Routines

Quality Management

Exhibits

TRADE BY DESIGN:
DESIGN THE TRADE
TRADE THE DESIGN
KEEP THE DESIGN AND TRADE SIMPLE
TAKE RESPONSIBILTY FOR THE DESIGN AND TRADE

DRAFT ONLY

STOCK TRADING PLAN

SHORT-TERM SWING TRADING

For: ______________________________

Mentor: ______________________________

Date: ______________________________

SAMPLE STOCK TRADING PLAN
SHORT-TERM SWING TRADING

Objective

To trade stocks in short-term rallies in a long-term uptrend.

Watch List Criteria

Identify favorable market trends, strong sectors, outperforming industries and subindustries, and then stocks with sound fundamentals and technicals.

1. Develop market posture: direction of S&P 500 Futures, S&P 500 Index and VIX indicator: up or sideways direction using one year daily charts.
2. Identify outperforming industries and subindustries within strong sectors from industry research data provided by the Brokerage firm.
3. Find stocks with good fundamentals and technicals with the trading platform's screening/scanning functions.

Fundamentals

Suggested Criteria:

Return on Equity: __________%

EPS Growth (Last Quarter vs. Prior Year): __________%

EPS Growth (5-year Historical): __________%

Revenue Growth (Last Quarter vs Prior Year): __________%

Technicals

- Stock Price (minimum): $__________
- Volume 50-day average (minimum) ____________
- Chart Setting:

1. Price Action: 3-month or 6-month Daily Chart to suit
2. Indicator: 20 SMA, 150 SMA and Parabolic SAR
3. Oscillators: Slow Stochastic (14,3,1), MACD Histogram (12,26,9), and Accumulation Distribution Line (20)

SAMPLE STOCK TRADING PLAN
SHORT-TERM SWING TRADING

- 10-Step entry Analysis:

1. Bullish long-term trend: 150 SMA angling up
2. Short-term trend: maybe angling up, down or flat, but above 150 SMA
3. Analysis of daily candlesticks to show retracement after a rally: lower highs and lower lows
4. Price action retracement: Stochastic angling down below 20%
5. Short-term trend and momentum change: MACD goes positive
6. Breakout day: Price closes above 20 SMA at end-of-day, at least with low below 20 SMA but high and close above 20 SMA. Entry price is close price on breakout day
7. Entry day: Enter long at opening of trading day after breakout day
8. Initial Stop Loss: Parabolic SAR value on breakout day
9. Identify potential/projected target price
10. Direction of Accumulation Distribution Line Oscillator should be angling up

Calculations

- Identify Portfolio size $____________
- Determine acceptable Portfolio Risk (R) ________% $________
- Allocate trade budget ________% $_________
- Determine Buy Point/Entry Price $________
- Determine Stop Loss Price $_______
- Determine % Stop Loss _________%
- Determine % Gain _________%
- Determine Reward/Risk Ratio _________
- Accept Reward/Risk Ratio (Yes/No) _________

DO NOT PROCEED WITH TRADE IF REWARD/RISK IS NOT ACCEPTED

NO EXCUSES ONCE REWARD/RISK IS ACCEPTED

TAKE RESPONSIBILITY OF DECISION AND MANAGE RISKS

SAMPLE STOCK TRADING PLAN
SHORT-TERM SWING TRADING

Entry Rules

Before entering trade, review again:

a. Market Conditions
b. Stock Chart Price Action

Market Conditions

Since most stocks move in the same direction as the overall market, make new buys only during an uptrend of the market, this gives a better probability of success.

Stock Chart Price Action

1. Track the stock's price action; buy only when it shows strength by trending higher on above average volume.
2. Make sure the stock price has crossed and closed above the 20 SMA
3. The proposed buy price is the close price at the end of the breakout day. Ensure the buy price is still in line with your Reward/Risk Ratio
4. Discuss with your mentor, for partial/scale-in buying. Partial buying may also help with Risk Management.
5. When you buy, the stock should also be in the proper buying range, not extended more than 4% above the 20 SMA. Don't chase it, if you miss the train, see if you can catch the next one that comes along.
6. Enter buy order at open of trading day after the breakout day, i.e.one day after the breakout day.
7. Ensure to use correct buy order.

Money Management

Manage risk by position-sizing and defining your max loss.

Position Sizing:

- Formula: Portfolio Risk / Trade Risk = number of shares to buy
- Portfolio Risk: No more than ______% of total portfolio value, $____________
- Trade Risk = Entry Price – Stop Price
- Total investment should not be more than _____% of portfolio in a single trade

SAMPLE STOCK TRADING PLAN
SHORT-TERM SWING TRADING

Exit Rules

Periodically adjust the stop order to handle the exit. If the stock falls below your stop, the stop will trigger and the trade will be closed automatically. Discuss use of Sell Stop Market, Sell Stop Limit, Trailing Stop or manual stop order with your mentor to favour the trade.

Initial Sell Stop order placement: Discuss with mentor. Use of daily Parabolic SAR value from daily chart is acceptable (this is more readily available and comes in handy for the calculation/analysis). Stop loss generally suggested for this type of trade is 4% - 6% with anticipated 10% - 15% gain in favorable market conditions.

In consultation with the mentor, adjust stop after each partial profit exit to current daily Parabolic SAR value.

Establish partial profit exits/scale-out rules with the mentor to favour the trade.

Ensure to use correct sell stop order.

Routines

Maintain your trades by following daily, weekly and monthly routines:

Daily Routines

- Monitor open positions
- Take partial profits to suit
- Adjust stop loss to suit to new daily Parabolic SAR value
- Inspect watch list for stocks that are approaching buy points:
    - Prepare graphical analysis
    - Prepare calculations to identify position size, % trade loss, % trade gain, reward/risk ratio to make Trade Go/Trade No Go decision
    - Select suitable trade/trades if have multiple candidates
    - Review graphical analysis and calculations with Mentor as required
- Continue learning, don't overindulge in news/noise from the market, stay focused on Trading Plan
- Prepare and execute new buy orders as required

Weekly Routines

- Update Market Posture: Determine market trend by analyzing major indices
- Inspect watch list for stocks that are approaching buy points:
    - Prepare graphical analysis

SAMPLE STOCK TRADING PLAN
SHORT-TERM SWING TRADING

   - Prepare calculations to identify position size, % trade loss, % trade gain, reward/risk ratio to make Trade Go/Trade No Go decision
   - Select suitable trade/trades if have multiple candidates
   - Review graphical analysis and calculations with Mentor as required
- Monitor open positions: look for new levels of support and adjust stops accordingly

Quarterly Routines

- Execute screening program for stocks
- Update current watch list by adding new stocks from the new screen
- Delete stocks from current watch list that are not on the new screen
- Good idea to keep and update a Trade Journal to review the trades to date:
   - Identify if stops placed and managed effectively
   - Does the position size need to be larger per trade? Smaller per trade?
   - Was market posture leading to correct trades for the trend
- Review executed trades with Mentor as required

SAMPLE STOCK TRADING PLAN

INTERMEDIATE-TERM SWING TRADING

QUALITY MANAGMENT

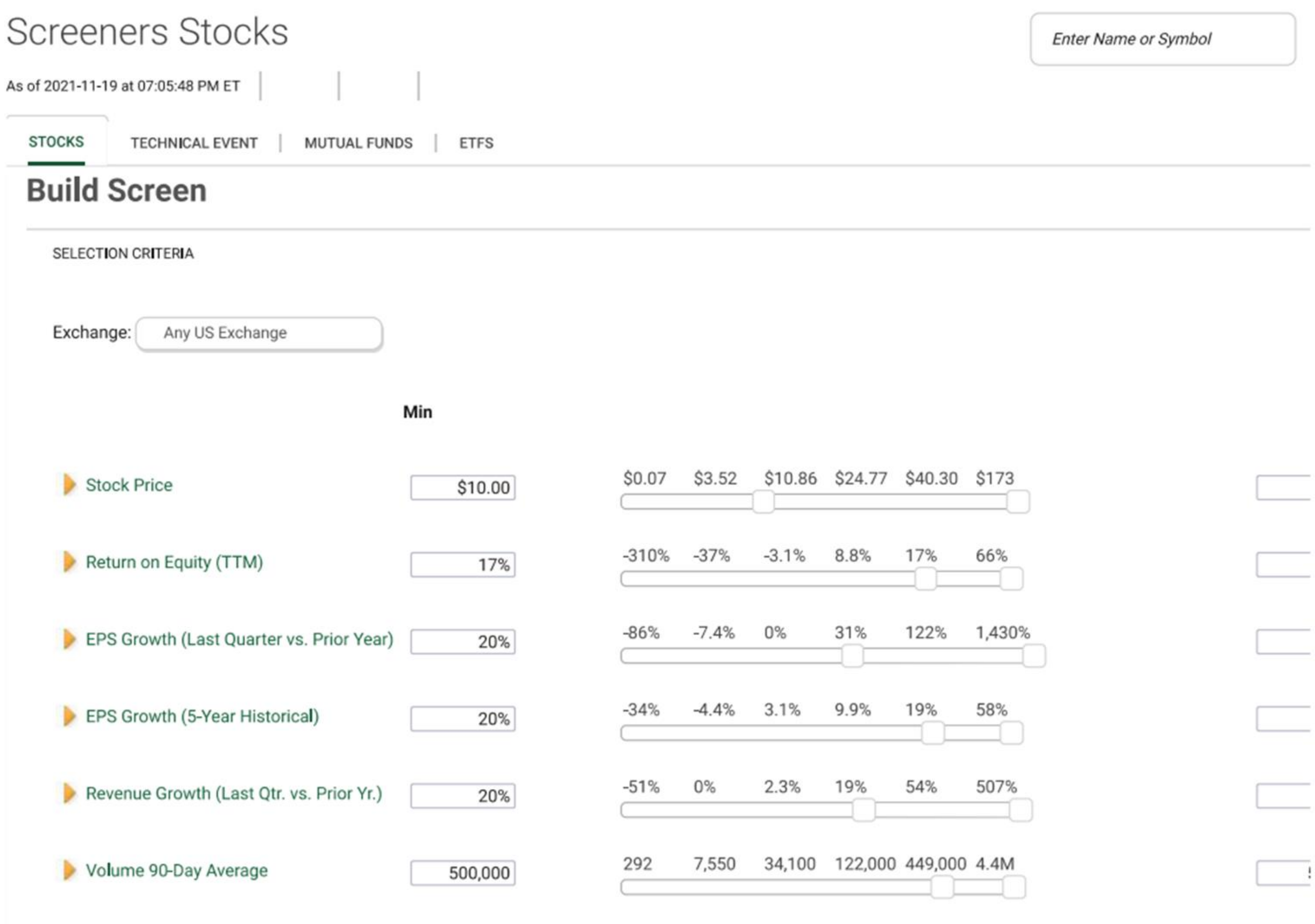
Quality Management

SAMPLE STOCK TRADING PLAN
INTERMEDIATE-TERM SWING TRADING

EXHIBITS

Exhibits

TYPICAL – WATCH LIST CRITERION FOR SCREENING
STOCKS WITH GOOD GROWTH AND PERFORMANCE



TYPICAL – WATCHLIST WITH FUNDAMENTALS DATA

Result Summary | Detailed Results | Performance | Related Screens

Rank	Symbol	Exchange	Name	Stock Price	Return on Equit	EPS Growth (La	EPS Growth (5-	Revenue Growt	Volume 90-Day
1	DQ	NYSE	Daqo New Energy Corp	$66.33	51%	1,310%	47%	367%	2M
2	NUE	NYSE	Nucor Corp	$113	27%	1,300%	57%	103%	3.37M
3	TX	NYSE	Ternium SA	$38.02	44%	2,500%	149%	115%	818,000
4	SBSW	NYSE	Sibanye Stillwater Ltd	$13.31	71%	150%	88%	63%	2.89M
5	HUN	NYSE	Huntsman Corp	$32.22	23%	327%	65%	51%	2.37M
6	STX	NASDAQ	Seagate Technology Holc	$101	134%	165%	46%	35%	2.29M
7	CE	NYSE	Celanese Corp	$166	88%	161%	53%	61%	662,000
8	REGN	NASDAQ	Regeneron Pharmaceutic	$653	51%	268%	41%	51%	759,000
9	KKR	NYSE	KKR & Co Inc	$78.31	42%	65%	27%	137%	2.82M
10	HOLX	NASDAQ	Hologic Inc	$75.33	66%	96%	56%	42%	1.54M
11	EYE	NASDAQ	National Vision Holdings	$48.66	18%	300%	54%	111%	621,000
12	TTD	NASDAQ	The Trade Desk Inc	$108	26%	100%	106%	39%	4.67M
13	KLAC	NASDAQ	KLA Corp	$422	83%	159%	24%	35%	1.03M
14	ARES	NYSE	Ares Management Corp	$88.30	25%	97%	30%	94%	621,000
15	CMC	NYSE	Commercial Metals Co	$35.07	20%	121%	48%	44%	852,000
16	LRCX	NASDAQ	Lam Research Corp	$645	76%	48%	39%	35%	1.31M
17	DAR	NYSE	Darling Ingredients Inc	$71.44	18%	200%	30%	39%	1.26M

TYPICAL – WATCHLIST WITH FUNDAMENTAL DATA

18	ATH	NYSE	Athene Holding Ltd	$85.73	20%	66%	24%	173%	936,000
19	FND	NYSE	Floor & Decor Holdings Ir	$132	26%	157%	46%	28%	660,000
20	DHI	NYSE	D.R. Horton Inc	$102	30%	78%	26%	35%	2.44M
21	GNRC	NYSE	Generac Holdings Inc	$434	35%	97%	37%	34%	671,000
22	WGO	NYSE	Winnebago Industries Inc	$72.19	30%	96%	38%	40%	510,000
23	KBH	NYSE	KB Home	$43.49	18%	93%	30%	47%	1.19M
24	WSM	NYSE	Williams-Sonoma Inc	$216	69%	89%	21%	31%	927,000
25	AMKR	NASDAQ	Amkor Technology Inc	$25.26	22%	95%	45%	24%	1.14M
26	GOOGL	NASDAQ	Alphabet Inc	$2,980	31%	71%	21%	41%	1.42M
27	CPRT	NASDAQ	Copart Inc	$152	31%	54%	29%	42%	860,000
28	ADBE	NASDAQ	Adobe Inc	$688	45%	28%	54%	22%	1.85M
29	GOOG	NASDAQ	Alphabet Inc	$3,000	31%	71%	21%	41%	1.07M
30	ASML	NASDAQ	ASML Holding NV	$857	43%	68%	21%	32%	811,000
31	FNF	NYSE	Fidelity National Financia	$52.22	33%	73%	21%	26%	1.36M
32	TREX	NYSE	Trex Co Inc	$134	36%	29%	32%	45%	662,000
33	AMT	NYSE	American Tower Corp	$261	54%	52%	22%	22%	1.47M
34	ALGN	NASDAQ	Align Technology Inc	$683	23%	30%	66%	38%	578,000
35	ANET	NYSE	Arista Networks Inc	$129	23%	33%	37%	24%	1.85M
36	PKI	NYSE	PerkinElmer Inc	$189	22%	78%	28%	21%	713,000
37	EL	NYSE	The Estee Lauder Compa	$353	58%	32%	21%	23%	1.04M

TYPICAL – WATCHLIST WITH FUNDAMENTAL DATA

38	ENTG	NASDAQ	Entegris Inc	$154	26%	48%	31%	20%	737,000

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TYPICAL GRAPHICAL ANALYSIS - DAILY CHART SET-UP

Chart: ZTS

TYPICAL – TRADE CALCULATION FORM/SPREADSHEET SETUP

Investment Record - 2021

DO NOT DEVIATE FROM PLAN

DON'T CHANGE STOP LOSS - WAIT FOR CLOSE EOD

Investment Trade Analysis - 2021

Month of XXXX 2021

b=buy, s=sell, r=review only

Trade By Design: Design the Trade then Trade the Design

Input data to open position

Input data to close position

Export data to place order

Scorecard: R/R >= 2.00 Go

Scorecard: R/R < 2.00 - No Go

NO DAY TRADING

Item	Review Date	Portfolio	Trade Type	Stock Symbol	Support ($)	Entry ($)	Target ($)	Portfolio Risk ($)	Stop Loss ($) SAR	Trade Risk	Position Size	Position Cost	100% Position Fill ($)	75% Position	25% Position	Reward ($)	Reward/Risk	Comm ($)	Est Gain ($)	Est Gain (%)	Day Close ($)	Running Gain($)	Trade Date Open Close
1	Swing Trade - 1-Stage																						
2	Swing Trade - 1-Stage																						
3	Swing Trade - 1-Stage																						
4	Swing Trade - 1-Stage																						

TYPICAL – TRADE CALCULATION ANALYSIS

Investment Record - 2021

DO NOT DEVIATE FROM PLAN
DON'T CHANGE STOP LOSS - WAIT FOR CLOSE EOD

Investment Trade Analysis - 2021

Month of XXXX 2021

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NO DAY TRADING

Item	Review Date	Portfolio	Trade Type	Stock Symbol	Support ($)	Entry ($)	Target ($)	Portfolio Risk ($)	Stop Loss ($) SAR	Trade Risk	Position Size	Position Cost	100% Position Fill ($)	75% Position	25% Position	Reward ($)	Reward/Risk	Comm ($)	Est Gain ($)	Est Gain (%)	Day Close ($)	Running Gain($)	Trade Date Open Close
1				NUE		112.10	119.32	250	106.59	5.51	45	5086	5000			7.22	1.31	-14	328	6%			
	Swing Trade - 1-Stage												112.10								112.10		
									106.59	4.9%			45								0.0%		
													45										
													0.00									0.00	
2				DKS		141.21	166.45	250	132.56	8.65	29	4081	5000			25.24	2.92	-14	729	18%			
	Swing Trade - 1-Stage												141.21								141.21		
									132.56	6.1%			35								0.0%		
													29										
													0.00									0.00	
3				AAPL		155.05	176.28	250	146.37	8.68	29	4466	5000			21.23	2.45	-14	611	14%			
	Swing Trade - 1-Stage												155.05								155.05		
									146.37	5.6%			32								0.0%		
													30										
													0.00									0.00	
4				ADBE		674.62	787.87	250	644.73	29.89	8	5643	5000			113.25	3.79	-14	947	17%			
	Swing Trade - 1-Stage												674.62								674.62		
									644.73	4.4%			7								0.0%		
													8										
													0.00									0.00	

TYPICAL – TRADE RECORDS

Investment Record - 2021

DO NOT DEVIATE FROM PLAN
DON'T CHANGE STOP LOSS - WAIT FOR CLOSE EOD

Investment Trade Analysis - 2021

Month of XXXX 2021

b=buy, s=sell, r=review only

Trade By Design: Design the Trade then Trade the Design

Input data to open position | Input data to close position | Export data to place order

Scorecard: R/R >= 2.00 Go
Scorecard: R/R < 2.00 - No Go

Item	Review Date	Portfolio	Trade Type	Stock Symbol	Support ($)	Entry ($)	Target ($)	Portfolio Risk ($)	Stop Loss ($)	Trade Risk	Position Size	Position Cost	50% Position	30% Position	20% Position	Reward	Reward/Risk	Comm	Est Gain ($)	Est Gain (%)	Day Close	Running Gain ($)	Trade Date
1				XLK		158.62	173.88	150	150.69	7.93	19	3000	5000			15.26	1.92	-14	289	10%			
													158.65								167.06		
										5.0%			32								5.3%		
													19										
													159.79									159.79	
2				DKS		127.36	166.67	150	120.99	6.37	24	3000	5000			39.31	6.17	-14	926	31%			
													127.61								134.06		
										5.0%			39								5.1%		
													12										
													77.40									77.40	
3				BEN		31.15	35.90	150	29.59	1.56	96	3000	5000			4.75	3.05	-14	457	15%			
													31.10								35.01		
										5.0%			161								12.6%		
													96										
													375.55									375.55	
4				PLTR		25.33	33.60	150	24.06	1.27	118	3000	5000			8.27	6.53	-14	979	33%			
													25.59								26.89		
										5.0%			195								5.1%		
													50										
													65.00									65.00	
5				CPDI	0.33	12.03	12.13	50	11.96	0.07	758	9114	4600			0.099	1.50	-14	75	1%			
					0.099								12.03								12.02		
					0.066					0.5%			382								-0.1%		
													200										
													-1.40									-1.40	
6				AAPL	2.50	149.58	150.33	50	149.08	0.50	100	14958	4600			0.75	1.50	-14	75	1%			
					0.75								149.58								149.46		
					0.5					0.3%			31								-0.1%		
													30										
													-3.60									-3.60	
7				XLK		160.32	173.88	150	152.30	8.02	19	3000	5000			13.56	1.69	-14	254	8%			
													160.32								166.34		
										5.0%			31								3.8%		
													25										
													150.50									150.50	
8				NVDA	7.00	247.90	250.00	50	246.50	1.40	36	8854	4600			2.1	1.50	-14	75	1%			
					2.1								247.90								249.18		
					1.4					0.6%			19								0.5%		
													18										
													23.04									23.04	
9				MSFT		305.98	348.00	150	290.68	15.30	10	3000	5000			42.02	2.75	-7	412	14%			
													308.69								333.61		
										5.0%			16								8.1%		
													5										
													124.61									124.61	
10				PWR		121.12	147.26	150	115.06	6.06	25	3000	2200			26.14	4.32	-14	647	22%			
													120.80								118.20		
										5.0%			18								-2.2%		
													18										
													-46.78									-46.78	
11				FB		332.00	384.83	200	315.40	16.60	12	4000	3466			52.83	3.18	-14	637	16%			
													331.99								346.29		
						156.55				5.0%			10								4.3%		
													10										
													143.00									143.00	

TYPICAL – TRADE RECORDS

12	SNPS	341.50	398.78	150	324.43	17.08	9	3000	5952	57.28	3.35	-14	503	17%		
									341.50						345.91	
		156.55				5.0%			17						1.3%	
									9							
									39.69							39.69
13	XLI	106.76	119.64	200	101.42	5.34	37	4000	2871	12.88	2.41	-14	483	12%		
									106.45						107.01	
		156.55				5.0%			27						0.5%	
									25							
									14.00							14.00
14	PLTR	25.33	33.60	150	24.06	1.27	118	3000	5000	8.27	6.53	-7	979	33%		
									25.59						24.25	
						5.0%			195						-5.2%	
									50							
									-66.90							-66.90
15	EW	119.20	138.34	250	113.24	5.96	42	5000	6800	19.14	3.21	-14	803	16%		
									119.05						119.51	
						5.0%			57						0.4%	
									42							
									19.45							19.45
16	DKS	127.36	166.67	150	120.99	6.37	24	3000	5000	39.31	6.17	-7	926	31%		
									127.61						134.95	
						5.0%			39						5.8%	
									12							
									88.08							88.08
17	WGO	74.35	84.83	250	70.63	3.72	67	5000	5000	10.48	2.82	-14	705	14%		
									74.01						75.21	
					446.97	5.0%			68						1.6%	
									37							
									44.40							44.40
18	WGO	74.35	84.83	250	70.63	3.72	67	5000	5000	10.48	2.82	-7	705	14%		
									74.01						75.01	
					446.97	5.0%			68						1.4%	
									30							
									30.00							30.00
19	COIN	340.28	350.00	250	323.27	17.01	15	5000	5000	9.718	0.57	-14	143	3%		
									340.28						339.65	
					446.97	5.0%			15						-0.2%	
									50							
									-31.75							-31.75
20	COIN	340.28	350.00	250	323.27	17.01	15	5000	5000	9.718	0.57	-14	143	3%		
									340.14						339.44	
					446.97	5.0%			15						-0.2%	
									50							
									-34.95							-34.95
21	KLAC	413.42	450.00	250	392.75	20.67	12	5000	5000	36.58	1.77	-14	442	9%		
									413.42						415.06	
					446.97	5.0%			12						0.4%	
									12							
									19.68							19.68
22	ASML	837.30	880.00	250	795.44	41.87	6	5000	5000	42.7	1.02	-14	255	5%		
									837.27						844.79	
					446.97	5.0%			6						0.9%	
									5							
									37.60							37.60
23	YY	52.43	67.53	250	49.81	2.62	95	5000	5000	15.1	5.76	-14	1440	29%		
									52.06						52.42	
						5.0%			96						0.7%	
									100							
									36.00							36.00
24	VUZI	14.34	20.22	250	11.81	2.53	99	1417	5000	5.88	2.32	-14	581	41%		
									13.15						13.86	
						17.6%			380						5.4%	
									100							
									71.00							71.00
25	ASML	858.51	889.00	250	849.92	8.59	29	25000	5000	30.49	3.55	-14	888	4%		
									858.51						854.26	
					850.85	1.0%			6						-0.5%	

TYPICAL – TRADE RECORDS

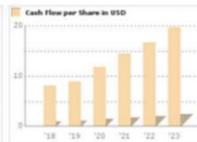
									25							
									-106.25							-106.25
26	ADBE	657.60	765.20	250	624.72	32.88	8	5000	5000	107.6	3.27	-14	818	16%		
									657.45						670.00	
						5.0%			8						1.9%	
									15							
									188.24							188.24
27	ASML	858.51	929.87	250	815.58	42.93	6	5000	5000	71.36	1.66	-14	416	8%		
									857.90						848.73	
						5.0%			6						-1.1%	
									10							
									-91.70							-91.70
28	DKS	134.44	153.64	250	127.72	6.72	37	5000	5000	19.2	2.86	-21	714	14%		
									134.61						137.04	
						5.0%			37						1.8%	
									37							
									89.84							89.84
29	HSY	178.50	204.00	155	173.38	5.12	30	5404	5000	25.5	4.98	-21	772	14%		
									178.36						180.18	
						2.9%			28						1.0%	
									30							
									54.48							54.48
30	FB	343.74	344.57	250	326.55	17.19	15	5000	5000	0.83	0.05	-14	12	0%		
									343.74						344.16	
						5.0%			15						0.1%	
									50							
									21.00							21.00
31	DGX	148.58	172.30	270	140.41	8.17	33	4910	5000	23.72	2.90	-14	784	16%		
									148.56						149.38	
						5.5%			34						0.6%	
									33							
									27.06							27.06
32	NFLX	692.61	747.41	250	657.98	34.63	7	5000	5000	54.8	1.58	-14	396	8%		
									695.06						687.22	
						5.0%			7						-1.1%	
									7							
									-54.88							-54.88
33	AAPL	152.60	157.03	75	151.23	1.37	55	8354	5000	4.43	3.23	-14	243	3%		
									152.60						153.63	
					SAR				33						0.7%	
						0.9%			25							
									25.80							25.80
34	AAPL	152.60	157.03	75	151.23	1.37	55	8354	5000	4.43	3.23	-7	243	3%		
									152.60						153.90	
					SAR				33						0.9%	
						0.9%			25							
									32.50							32.50
34	NFLX	691.25	700.00	250	656.69	34.56	7	5000	13700	8.75	0.25	-14	63	1%		
									690.90						692.76	
						5.0%			20						0.3%	
									19							
									35.30							35.30
36	IQV	265.51	290.93	250	245.63	19.88	13	3339	5000	25.42	1.28	-14	320	10%		
									269.31						270.58	
						7.5%			19						0.5%	
									10							
									12.70							12.70
37	AAPL	155.05	176.28	250	146.37	8.68	29	4466	5000	21.23	2.45	-14	611	14%		
									155.05						156.68	
						5.6%			32						1.1%	
									30							
									48.90							48.90
38	ADBE	674.62	787.87	250	644.73	29.89	8	5643	5000	113.25	3.79	-14	947	17%		
									674.97						688.54	
						4.4%			7						2.0%	
									8							
									108.56							108.56

TYPICAL – TRADE RECORDS

		-511.00	1724.94
	Commission Total	-511.00	
	Equity Total	1724.94	
	Gain/Loss	**1213.94**	
R = 250	Total R	4.86	

TYPICAL – FUNDAMENTALS ANALYSIS

Earnings




Earnings, Estimates & Ratios

Earnings	2018-11-29	2019-11-28	2020-11-26	2021-11-26	2022-11-26	2023-11-26
Earnings per Share USD	5.58	6.01	10.85	12.47	14.23	16.66
Earnings change comp. with prev. year	65.00	7.80	80.50	15.00	14.10	17.10
Earnings Yield in %	2.20	1.90	1.60	1.90	2.20	2.50
Price-Earnings Ratio	11/30/2018	11/29/2019	11/27/2020	11/27/2021	11/27/2022	11/27/2023
Price-Earning Ratio (PER)	56.03	40.71	60.63	52.73	46.21	39.48
Price-Earnings-Growth Ratio (PEG)	0.69	6.60	0.75	3.52	3.28	2.31
Cash Flow	11/30/2018	11/29/2019	11/27/2020	11/27/2021	11/27/2022	11/27/2023
Cash Flow per Share in USD	8.09	8.99	11.81	14.55	16.78	19.86
Price/Cash Flow Ratio (P/CF)	31.01	34.43	40.39	45.20	39.20	33.11
Dividend	11/30/2018	11/29/2019	11/27/2020	11/27/2021	11/27/2022	11/27/2023
Dividend in USD	0.00	0.00	-	0.00	0.00	0.00
Dividend Yield in %	-	-	-	-	-	-
Market	11/30/2018	11/29/2019	11/27/2020	11/27/2021	11/27/2022	11/27/2023
BVPS in USD	19.20	21.83	27.69	31.45	38.12	46.64
Book Value in mn USD	9,362.12	10,530.15	13,264.00	-	-	-
Price-to-book Ratio	13.07	14.18	15.94	20.91	17.25	14.10

TYPICAL – FUNDAMENTALS ANALYSIS

Earnings	2018-11-29	2019-11-28	2020-11-26	2021-11-26	2022-11-26	2023-11-26
(P/B)	13.07	14.18	15.94	20.91	17.25	14.10
Market Value in USD	128,899.23	167,130.50	216,049.30	-	-	-
Market-to-book Ratio (Tobi's Q)	13.77	15.87	16.29	-	-	-
EBITDA in mn USD	3,186.86	4,175.69	5,180.00	7,946.93	9,027.57	10,357.08
Market Value to EBITDA Ratio	40.45	40.02	41.71	-	-	-
EBITDA to Sale (EBITDA margin)	0.35	0.37	0.40	-	-	-
*Estimation	-	-	-	-	-	-

TYPICAL – SECTOR GROWTH PERFORMANCE ANALYSIS

Markets Sectors

Enter Name or Symbol

As of 2021-11-25 at 12:47:55 PM ET

Set Alerts

OVERVIEW | INDICES | SECTORS | NEWS | REPORTS | ANALYST CENTRE | EVENTS | TECHNICALS

SECTOR ANALYZER

Select a Comparison: *Revenue Growth vs. Profit Margin*

Size Represents: *Today's Change*

Sectors with both high revenue growth and high profit margins are most desirable. Therefore, sectors located in the upper right quadrant of the chart are more attractive on these two criteria than sectors down and to the left.

SECTOR MOVERS

TOP SECTORS | BOTTOM SECTORS

US Sectors	% Change
Technology	+0.83%
Energy	+0.82%
Industrials	+0.17%
Healthcare	+0.12%
Financials	+0.12%

At 2021-11-25 12:47 PM ET

INDUSTRY MOVERS

TOP INDUSTRIES | BOTTOM INDUSTRIES

US Industries	Today's Change
Rails & Roads - Passengers	+5.10%
Marine Port Services	+3.56%

At 2021-11-25 12:47 PM ET

TYPICAL – SECTOR GROWTH PERFORMANCE ANALYSIS

SECTOR PERFORMANCE

OVERVIEW | PERFORMANCE

Sector Name	Avg Market Cap	P/E Ratio (TTM)	EPS Growth (5yr)	Dividend Yield
Cyclical Consumer Goods &	534.3B	99.96x	+31.88%	+1.64%
Technology	961.4B	63.37x	+24.22%	+0.97%
Basic Materials	54.6B	36.07x	+12.24%	+4.62%
Healthcare	140.5B	90.22x	+12.00%	+2.18%
Telecommunications	100.0B	42.36x	+11.22%	+5.00%
Industrials	110.9B	81.21x	+9.28%	+1.56%
Non-Cyclical Consumer	142.7B	34.74x	+5.48%	+2.72%
Financials	93.9B	28.03x	+4.95%	+2.77%
Utilities	47.7B	33.90x	+0.05%	+3.44%
Energy	90.1B	28.56x	-3.63%	+4.92%

At 2021-11-25 12:54 PM ET

US Industries	Today's Change
Computer Hardware	+3.45%
Marine Transportation	+1.93%
Entertainment Production	+1.89%

At 2021-11-25 12:47 PM ET

INDUSTRY STRATEGIES

HIGH DIVIDEND | EPS GROWTH | PRICE DISCOUNT/BV

Industries that have maintained their dividend in the face of falling share price lead to high dividend yields. Attention should be paid to the sustainability of these future payments. Generally industries with high dividend yields are mature, stable industries.

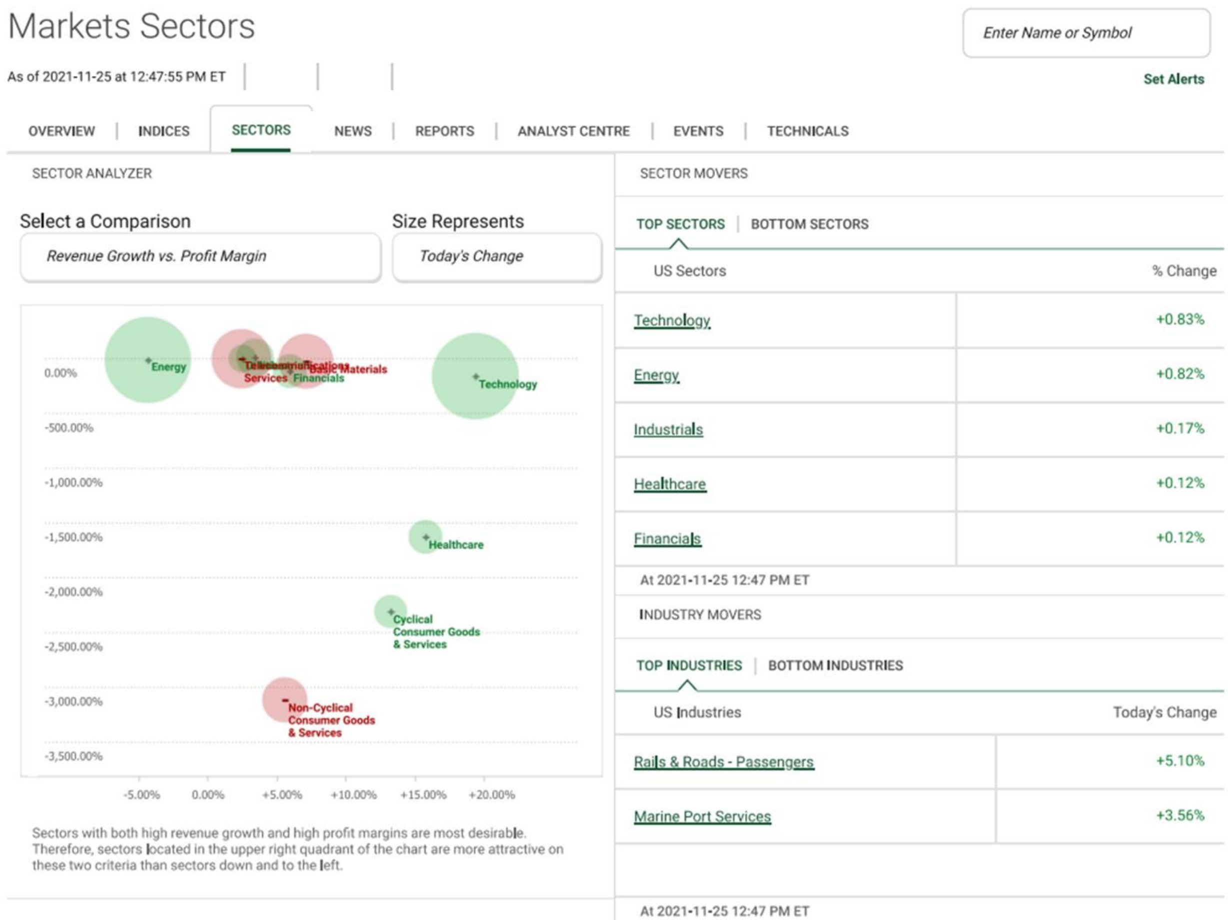
US Industries	Dividend Yield
Marine Transportation	10.29%
Mining & Metals - Specialty	9.55%
Retail - Catalog & Internet Order	9.39%
Steel	8.39%
Tobacco	7.14%

At 2021-11-25 12:47 PM ET

K=Thousands, M=Millions, B=Billions, TTM=Trailing 12 Month, MRQ=Most Recent Quarter, FYR=Fiscal Year End, NM=Not Meaningful, NA=Not Available

GAAP = Generally Accepted Accounting Principles used in Financial Statements issued by the company, Non-GAAP = Adjusted Operating Earnings or Revenue used in comparison to Analyst Estimates. Adjustments are typically one-time gains or losses

TYPICAL – SECTOR PERFORMANCE ANALYSIS



TYPICAL – SECTOR PERFORMANCE ANALYSIS

SECTOR PERFORMANCE

OVERVIEW | PERFORMANCE

Sector Name	Today	1 Week	1 Month	1 Year
Energy	+0.82%	-0.01%	-2.86%	+56.24%
Cyclical Consumer Goods &	+0.11%	-0.27%	+7.79%	+46.72%
Technology	+0.83%	-1.35%	+4.54%	+45.76%
Financials	+0.12%	+0.18%	-0.79%	+43.91%
Basic Materials	-0.40%	+0.25%	+1.89%	+30.66%
Industrials	+0.17%	-0.39%	+1.71%	+30.12%
Healthcare	+0.12%	-1.64%	-0.23%	+29.03%
Non-Cyclical Consumer Goods	-0.27%	-0.12%	+1.06%	+11.30%
Utilities	+0.04%	+0.50%	+0.93%	+8.26%
Telecommunications Services	-0.46%	-0.88%	-1.70%	+0.73%

At 2021-11-25 12:48 PM ET

US Industries	Today's Change
Computer Hardware	+3.45%
Marine Transportation	+1.93%
Entertainment Production	+1.89%

At 2021-11-25 12:47 PM ET

INDUSTRY STRATEGIES

HIGH DIVIDEND | EPS GROWTH | PRICE DISCOUNT/BV

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TYPICAL – MARKET ANALYSIS, DOW FUTURES

TYPICAL - MARKET ANALYSIS. NASDAQ FUTURES

TYPICAL – MARKET ANALYSIS , S&P 500 FUTURES

TYPICAL ANALYSIS – S&P 500 FUTURES, VIX AND S&P 500 INDEX

TYPICAL – RECENT SWING TRADE SETUP

Chart: ADBE.O

TYPICAL – RECENT SWING TRADE SETUP

Chart: AAPL.O

TYPICAL – RECENT SWING TRADE SETUP

Chart: ALGN.O

TYPICAL – RECENT SWING TRADE SETUP

TYPICAL – RECENT SWING TRADE SETUP

Chart: ASML.O

TYPICAL – RECENT SWING TRADE SETUP

Chart: CPRT.O

TYPICAL – RECENT SWING TRADE SETUP

Chart: ENTG.O

TYPICAL – RECENT SWING TRADE SETUP

Chart: ETN

TYPICAL – RECENT SWING TRADE SETUP

Chart: FND

TYPICAL – RECENT SWING TRADE SETUP

Chart: GNRC.K

TYPICAL – RECENT SWING TRADE SETUP

Chart: KLAC.O

TYPICAL – RECENT SWING TRADE SETUP

Chart: QQQ.O

TYPICAL – RECENT SWING TRADE SETUP

TYPICAL – RECENT SWING TRADE SETUP

Chart: XLK

TYPICAL – RECENT SWING TRADE SETUP

Chart: HSY

TYPICAL – RECENT SWING TRADE SETUP

Chart: PKI

TYPICAL – RECENT SWING TRADE SETUP

TYPICAL – RECENT SWING TRADE SETUP

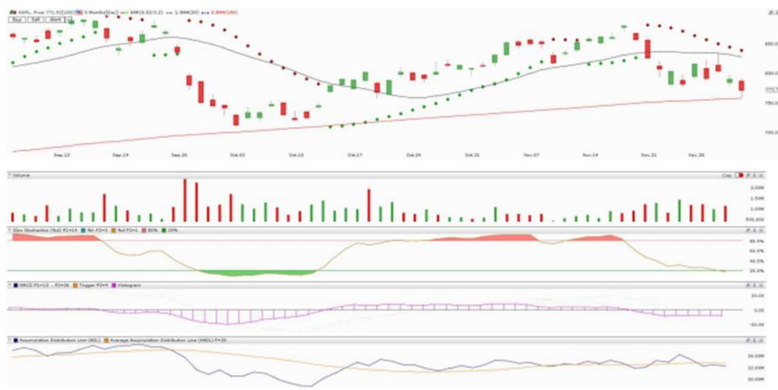
Chart: AMKR.O

TYPICAL – RECENT SWING TRADE SETUP

Chart: ARES.K

TYPICAL – RECENT SWING TRADE SETUP

Chart: ASML.O



TYPICAL – POTENTIAL SWING TRADE SETUP

Chart: CMC

TYPICAL – POTENTIAL SWING TRADE SETUP

Chart: CMC

TYPICAL – POTENTIAL SWING TRADE SETUP

Chart: CPRT.O

TYPICAL – POTENTIAL SWING TRADE SETUP

Chart: DKS

TYPICAL – POTENTIAL SWING TRADE SETUP

Chart: ETN

TYPICAL – POTENTIAL SWING TRADE SETUP

Chart: NFLX.O

TYPICAL – POTENTIAL SWING TRADE SETUP

Chart: WSM

TYPICAL – POTENTIAL SWING TRADE SETUP

Chart: XLV

NOTES

Notes

SUMMARY OF RECENT REFERENCE MATERIAL FROM STOCKCHARTS CHARTSCHOOL
SEE https://school.stockcharts.com/ FOR ADDITIONAL REFERENCE MATERIAL

Moving Momentum

0:00 / 0:00

Voiced by Amazon Polly

Introduction

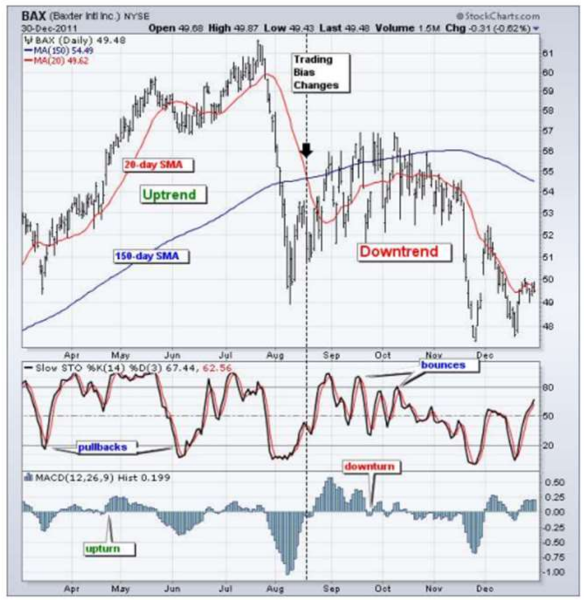
Many trading strategies are based on a process, not a single signal. This process often involves a series of steps that ultimately lead to a signal. Typically, chartists first establish a trading bias or long-term perspective. Second, chartists wait for pullbacks or bounces that will improve the risk-reward ratio. Third, chartists look for a reversal that indicates a subsequent upturn or downturn in price. The strategy put forth here uses moving average to define the trend, the Stochastic Oscillator to identify corrections within that trend and the MACD-Histogram to signal short-term reversals. It is a complete strategy based on a three-step process.

Defining the Indicators

Moving averages are trend-following indicators that lag price. This means the actual trend changes before the moving averages generate a signal. Many traders are turned off by this lag, but this does not make them totally ineffective. Moving averages smooth prices and provide chartists with a cleaner price plot, which makes it easier to identify the general trend.

This strategy employs two moving averages to define the trading bias. The bias is bullish when the shorter-moving average moves above the longer moving average. The bias is bearish when the shorter-moving average moves below the longer moving average. While chartists can use any combination of moving averages, this article uses the 20-day SMA and the 150-day SMA. The example below shows Baxter International (BAX) moving from a bullish trading bias to a bearish trading bias as the 20-day SMA moved below the 150-day SMA in mid-August.

SUMMARY OF RECENT REFERENCE MATERIAL FROM STOCKCHARTS CHARTSCHOOL
SEE https://school.stockcharts.com/ FOR ADDITIONAL REFERENCE MATERIAL



The second part of this trading strategy uses the Stochastic Oscillator to identify correction. As a bound oscillator that fluctuations between 0 and 100, the Stochastic Oscillator is ideal for spotting short-term pullbacks or bounces. A move below 20 signals a pullback in prices, while a move above 80 signals a bounce in prices.

The third part of this trading strategy uses the MACD-Histogram to identify upturns and downturns in prices. The MACD-Histogram measures the difference between MACD and its signal line. The indicator is positive when MACD is above its signal line and negative when MACD is below its signal line. The MACD-Histogram turns positive when prices turn up, and turns negative when prices turn

SUMMARY OF RECENT REFERENCE MATERIAL FROM STOCKCHARTS CHARTSCHOOL
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Buy Signal:

- 1. Moving averages show a bullish trading bias, with the 20-day SMA trading above the 150-day SMA.
- 2. Stochastic Oscillator moves below 20 to signal a pullback.
- 3. MACD-Histogram moves into positive territory to signal an upturn after the pullback.

The example above shows Polo Ralph Lauren (RL) with a few buy signals. First, notice that the 20-day SMA is above the 150-day SMA to establish a bullish trading bias. Second, the Stochastic Oscillator declined below 20 to indicate a price pullback and favorable risk-reward ratio. Chartists then turn to the MACD-Histogram to signal an end to the pullback with a move into positive territory. Notice that the MACD-Histogram is almost always in negative territory when the Stochastic Oscillator moves below 20. Sometimes this indicator stays negative for another week or two, so it's important to wait for confirmation of an upturn.

Sell Signal:

- 1. Moving averages show a bearish trading bias, with the 20-day SMA trading below the 150-day SMA.
- 2. Stochastic Oscillator moves above 80 to signal a bounce.
- 3. MACD-Histogram moves into negative territory to signal a downturn after the bounce.

SUMMARY OF RECENT REFERENCE MATERIAL FROM STOCKCHARTS CHARTSCHOOL
SEE https://school.stockcharts.com/ FOR ADDITIONAL REFERENCE MATERIAL

The example above shows Flour Corp (FLR) with a few sell signals. First, the trading bias turned bearish when the 20-day SMA moved below the 150-day SMA in June. Second, the Stochastic Oscillator moved above 80 several times as prices bounced within the downtrend. A move above 80 is just an alert to watch the MACD-Histogram closely. Acting on a move above 80 can result in a losing trade because it can sometimes take a week or two for prices to turn back down. The third and final signal occurs when the MACD-Histogram turns negative.

Trading Example

SUMMARY OF RECENT REFERENCE MATERIAL FROM STOCKCHARTS CHARTSCHOOL
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The example below shows United Parcel Service (UPS) with six signals over a 12-month period. This is not the most ideal example, but it does provide some insights into real-world trading, which is often not ideal. There were four different trading biases on this chart. The yellow areas mark two periods with a bearish trading bias and two periods with a bullish trading bias. Bearish signals are ignored when the bias is bullish. Bullish signals are ignored when the bias is bearish.

After the Stochastic Oscillator signaled pullbacks in March and April, the MACD-Histogram turned positive to trigger two bullish signals (1 and 2). These did not last long or work out well because trading was quite choppy. The thin blue lines mark support levels that could have been used for

SUMMARY OF RECENT REFERENCE MATERIAL FROM STOCKCHARTS CHARTSCHOOL
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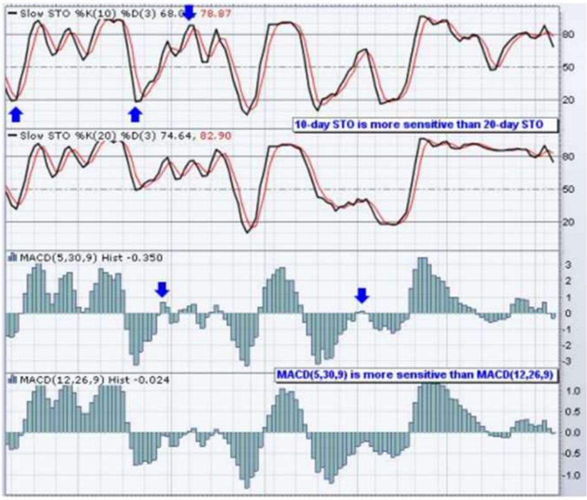
before the bias switched to bullish. This was a tricky signal, but chartists setting a stop-loss at resistance would have remained in the position and caught the big decline. After a couple more whipsaws (4 and 5), the strategy triggered a nice bullish signal in early December.

Tweaking

With four indicators, there are lots of different ways to tweak this strategy. Chartists can adjust the moving averages to redefine the trend. Instead of the 20-day and 150-day SMAs, chartists could lengthen the timeframe for an even longer perspective on trend. Alternatively, chartists could use one long-term moving average, comparing it against the actual prices to identify the trend identification.



The oscillators can be shortened to increase sensitivity or lengthened to decrease sensitivity. A 10-day Stochastic Oscillator would become overbought/oversold more often than a 20-day Stochastic

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The decision to increase or decrease sensitivity rests with the characteristics of the underlying security. Stocks with lower volatility, such as those in the utilities and consumer staples sectors, would warrant more sensitive settings. Stocks with higher volatility, such as those in the technology and biotech sectors, may warrant less sensitive settings. The trick is to find the setting that produces enough signals, but not too many.

Conclusion

This "Moving Momentum" strategy provides charts with a means to trade in the direction of the bigger trend. Moreover, this strategy is designed to identify lower risk and higher reward opportunities by waiting for corrections. The moving average sets the tone, bullish or bearish. The Stochastic Oscillator is used to identify pullbacks within bigger uptrends and bounces within bigger downtrends. The MACD-Histogram is used to signal the end of a pullback or bounce. Keep in mind that this article is designed as a starting point for trading system development. Use these ideas to augment your trading style, risk-reward preferences and personal judgments. Click here for a chart of IBM with the 20-day SMA, 150-day SMA, Stochastic Oscillator and MACD-Histogram.

SUMMARY OF RECENT REFERENCE MATERIAL FROM STOCKCHARTS CHARTSCHOOL

SEE https://school.stockcharts.com/ FOR ADDITIONAL REFERENCE MATERIAL